



## Background Comparison for Radionuclides in Groundwater

### Introduction

In discussions among members of the Groundwater Working Group, it was decided that background values for uranium isotopes should be recalculated using data collected from only the Rocky Flats Alluvium (RFA), the Valley Fill Alluvium (VFA), and the Colluvium (COL). The background values calculated for the 1993 Background Geochemical Characterization Report (BGCR) (DOE, 1993) included observations from wells screened in the weathered claystone. It was also decided that the most recent data available from all wells not in the zone of influence of the Site should be identified and included in the data set. In order to be consistent across all radionuclides of concern, background values for americium and plutonium were also recalculated.

It has been suggested in discussions for the RFCA Implementation Guidance Document (IGD) that the background mean plus two standard deviations (M2D) be used for background comparisons, rather than the upper tolerance limit at the 99/99 level (UTL<sub>99/99</sub>). Therefore, both the M2D and the UTL<sub>99/99</sub> are presented here.

### Methodology

Alluvial wells used in the BGCR were evaluated to determine if they would be included in the current calculations for background activities of radionuclides in groundwater. It was determined that four wells should be dropped from the data set. The wells B201489, B201589, and B402689 were eliminated because they are mostly or entirely screened in bedrock. The fourth well, B301889, was eliminated because of its close proximity to roads in the former operable unit 5.

Other wells were added to the data set, if they were not in the zone of influence of the Site (Table 1). Some of the wells in Table 1 were not sampled for radionuclides and do not contribute to the current calculations. They were retained on the list of background wells because, for consistency, background, nonradiological inorganic values may also be recalculated.

Data was extracted from the Rocky Flats Environmental Data System (RFEDS). It was then cleaned, using site recommended methods. All unfiltered and filtered radionuclide data for the wells in Table 1 were extracted. One sampling date for well 0290 was rejected due to a previously determined sample mislabeling. This resulted in the rejection of a unfiltered plutonium-239/240 value of 2.5 pCi/L. All data used in the calculations is shown in Table 2 and Table 3.

### Results

Table 4 gives the results of the calculations. The mean and standard deviation were calculated for each isotope. These values were used to calculate the M2D and the UTL<sub>99/99</sub>. Tolerance factors used for the UTL<sub>99/99</sub> were taken from Hahn (1970).

The newly calculated UTL<sub>99/99</sub> are generally lower than the values calculated from the BGCR data. This is due to the combined effect of increased sample size and the elimination of wells screened in the weathered claystone in the current evaluation. The M2D values are somewhat lower than the UTL<sub>99/99</sub> values, but in the same range. The M2D and UTL<sub>99/99</sub> values for plutonium-239/240 and americium-240 are below both Tier I and Tier II action levels. The M2D values for uranium isotopes are below the Tier I action levels. The UTL<sub>99/99</sub> values for unfiltered uranium-233/234 and uranium-238 are greater than the Tier I action levels. All M2D and UTL<sub>99/99</sub> values for the uranium isotopes are greater than both Tier II action levels.

Table 4 - Unfiltered Radionuclides in Background Alluvial Groundwater - Data 1990-1995

Radionuclide	N	Mean pci/L	Standard Deviation pci/L	Minimum pci/L	Maximum pci/L	Mean Plus 2 Standard Deviations pci/L	UTL <sub>99/99</sub> pci/L	BGCR UTL <sub>99/99</sub> * pci/L	Tier I Action Level pci/L	Tier II Action Level pci/L
AMERICIUM-241	264	0 00636	0 015305	-0 02	0 19	0 036966	0 0420	0 04	14 5	0 145
PLUTONIUM-239/240	281	0 00516	0 021383	-0 005	0 2237	0 0479252	0 0550	0 06	15 1	0 151
URANIUM-233/234	37	15 40	36 13	0	164	87 67	135	144 8	107	1 07
URANIUM-235	37	0 72057	1 570	-0 01	6 477	3 861	5 899	5 23	101	1 01
URANIUM-238	39	11 01	25 43	0	108	61 87	94 01	114 2	76 8	0 768

Table 5 - Filtered Radionuclides in Background Alluvial Groundwater - Data 1990-1995

Radionuclide	N	Mean pci/L	Standard Deviation pci/L	Minimum pci/L	Maximum pci/L	Mean Plus 2 Standard Deviations pci/L	UTL <sub>99/99</sub> pci/L	BGCR UTL <sub>99/99</sub> * pci/L	Tier I Action Level pci/L	Tier II Action Level pci/L
AMERICIUM-241	24	0 00306	0 004851	-0 007	0 018	0 012757	0 0207	2 11	14 5	0 145
PLUTONIUM-239/240	28	0 00209	0 003844	-0 004	0 014	0 0097793	0 0156	NA	15 1	0 151
URANIUM-233/234	279	6 729	27 45	-0 078	199 5	61 62	70 68	74 91	107	1 07
URANIUM-235	280	0 23931	0 790	-0 035	5 535	1 820	2 080	1 89	101	1 01
URANIUM-238	278	4 728	18 89	-0 04	135 6	42 51	48 75	52 63	76 8	0 768

\* Data from 1993 Geochemical Characterization Report

NA Only one sample was available for the calculation

Table 1 - Alluvial wells for background comparisons

LOCATION	GROUP	COMPLETION	SCREEN PENETRATION INTO BEDROCK (ft)	SCREENED INTERVAL (ft)	SAMPLES AVAILABLE
0290	N	ALLUVIUM	NP		T D
0390	N	ALLUVIUM	NP		T D
1090	N	ALLUVIUM	NP		NONE
1190	N	ALLUVIUM	NP		NONE
1290	N	ALLUVIUM	NP		NONE
1390	N	ALLUVIUM	NP		NONE
1490	N	ALLUVIUM	NP		T D
4786	N	ALLUVIUM	1 5	88 3	T D
10094	N	ALLUVIUM	NP		NONE
11294	N	ALLUVIUM	0 4	15	T D
11494	N	ALLUVIUM	NP		T D
11594	N	ALLUVIUM	2 6	20	NONE
11694	N	ALLUVIUM	0 2	20	D
11794	N	ALLUVIUM	0 2	20	D
<b>B102289</b>	N	ALLUVIUM	NP		T D
<b>B102389</b>	N	ALLUVIUM	0 5	7 2	T D
<b>B200589</b>	N	ALLUVIUM	1 1	19 7	T D
<b>B200689</b>	N	ALLUVIUM	0 6	19 5	T D
<b>B200789</b>	N	ALLUVIUM	0 5	19 4	T D
<b>B200889</b>	N	ALLUVIUM	0 6	14 5	T D
<b>B201089</b>	N	ALLUVIUM	0 3	4 3	T D
<b>B201189</b>	N	ALLUVIUM	0 8	14 4	T D
<b>B201289</b>	N	ALLUVIUM	0 5	9 2	D
<b>B202489</b>	N	ALLUVIUM	0 5	9 5	T D
<b>B202589</b>	N	ALLUVIUM	NP	7 1	T D
<b>B205589</b>	N	ALLUVIUM	NP		T D
5386	S	ALLUVIUM	0 8	5 3	T D
5586	S	ALLUVIUM	0 9	32 8	T D
10294	S	ALLUVIUM	0 2	10	T D
43492	S	ALLUVIUM	NP		NONE
52393	S	ALLUVIUM	NP		NONE
52493	S	ALLUVIUM	NP		NONE
53793	S	ALLUVIUM	NP		NONE
61693	S	ALLUVIUM	NP		NONE
62093	S	ALLUVIUM	NP		NONE
62193	S	ALLUVIUM	NP		NONE
62293	S	ALLUVIUM	NP		NONE
0590	S	ALLUVIUM	NP		NONE
0690	S	ALLUVIUM	NP		NONE
0790	S	ALLUVIUM	NP		NONE
0990	S	ALLUVIUM	NP		NONE
<b>B302089</b>	S	ALLUVIUM	NP		T
<b>B302789</b>	S	ALLUVIUM	0 6	4 6	T D
<b>B302889</b>	S	ALLUVIUM	NP		T D
<b>B302989</b>	S	ALLUVIUM	0 5	3 2	T D
B304589	S	ALLUVIUM	NP		NONE
B319889	S	ALLUVIUM	NP		NONE
B400089	S	ALLUVIUM	NP		NONE
<b>B400189</b>	S	ALLUVIUM	NP		NONE
<b>B400289</b>	S	ALLUVIUM	NP		T D
<b>B400389</b>	S	ALLUVIUM	0 5	9 4	T D
<b>B400489</b>	S	ALLUVIUM	0 5	44 6	T D
<b>B401989</b>	S	ALLUVIUM	0 5	13 4	T D
<b>B405689</b>	S	ALLUVIUM	NP		T D
<b>B405789</b>	S	ALLUVIUM	0 5	9 5	T D
<b>B405989</b>	S	ALLUVIUM	0 6	3 9	NONE

NP = Bedrock not penetrated N = North side of Site S = South side of Site  
T = Unfiltered sample D = Filtered sample NONE = No radiological samples available  
**Bold wells included in the 1993 Background Geochemical Report**

Table 2 - Unfiltered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
0290	2/7/95	AMERICIUM-241	-0 02	0 015	PCI/L	0 042	U	Y
B200589	3/14/95	AMERICIUM-241	-0 017	0 042	PCI/L	0 093	U	Y
B400489	6/8/90	AMERICIUM-241	-0 00706	0 00616	PCI/L	0 011	A	
11494	11/30/94	AMERICIUM-241	-0 00703	0 01027	PCI/L	0 02813	Y	
B202589	6/21/95	AMERICIUM-241	-0 0069	0 01007	PCI/L	0 027577	Y	
B202589	6/1/90	AMERICIUM-241	-0 003	0 01	PCI/L	0	A	
B302789	11/19/90	AMERICIUM-241	-0 003	0 0068	PCI/L	0 01	J	
B302989	8/13/92	AMERICIUM-241	-0 003	0 003	PCI/L	0 006	U	V
10294	12/12/95	AMERICIUM-241	-0 0022	0 00313	PCI/L	0 0189	J	Y
B302889	3/21/93	AMERICIUM-241	-0 002	0 0017	PCI/L	0 03	A	
5586	11/2/90	AMERICIUM-241	-0 0018	0 00256	PCI/L	0 01	J	A
B400389	3/20/90	AMERICIUM-241	-0 00136	0 00266	PCI/L	0 004		
4786	7/27/94	AMERICIUM-241	-0 00108	0 00125	PCI/L	0 00702	J	V
5586	8/18/92	AMERICIUM-241	-0 001	0 004	PCI/L	0 007	U	V
B200789	8/18/92	AMERICIUM-241	-0 001	0 006	PCI/L	0 01	U	V
5586	5/23/91	AMERICIUM-241	-0 00097	0 00113	PCI/L	0 006	J	A
B200889	6/4/92	AMERICIUM-241	-0 0009	0 0018	PCI/L	0	J	A
B400389	6/11/90	AMERICIUM-241	-0 00081	0 00636	PCI/L	0 009	A	
1490	2/3/94	AMERICIUM-241	0	0 005	PCI/L	0 016	U	V
1490	5/3/94	AMERICIUM-241	0	0 00498	PCI/L	0 01179	V	
B102289	12/12/91	AMERICIUM-241	0	0 003	PCI/L	0	V	
B102389	5/26/92	AMERICIUM-241	0	0 004	PCI/L	0 011	U	A
B200589	10/22/90	AMERICIUM-241	0	0 00324	PCI/L	0	J	V
B200589	12/7/91	AMERICIUM-241	0	0 00419	PCI/L	0	J	A
B200589	6/26/92	AMERICIUM-241	0	0 0101	PCI/L	0	J	A
B200789	10/8/90	AMERICIUM-241	0	0 00716	PCI/L	0	J	V
B200789	10/26/92	AMERICIUM-241	0	0 0023	PCI/L	0 00879	U	A
B200889	12/7/91	AMERICIUM-241	0	0 00398	PCI/L	0	J	A
B200889	3/15/95	AMERICIUM-241	0	0 00487	PCI/L	0 01294	Y	
B201189	8/29/91	AMERICIUM-241	0	0 0035	PCI/L	0	J	V
B201189	6/5/92	AMERICIUM-241	0	0 00336	PCI/L	0	J	V
B202489	4/8/91	AMERICIUM-241	0	0 00481	PCI/L	0	J	A
B205589	10/19/90	AMERICIUM-241	0	0 00467	PCI/L	0	J	V
B205589	4/5/91	AMERICIUM-241	0	0 011	PCI/L	0	J	A
B205589	6/8/95	AMERICIUM-241	0	0 004	PCI/L	0 00905	Y	
B302789	5/22/91	AMERICIUM-241	0	0 0135	PCI/L	0	J	A
B302989	5/23/90	AMERICIUM-241	0	0 005	PCI/L	0 011	A	
B400489	2/26/90	AMERICIUM-241	0	0 004	PCI/L	0 005		
B400489	9/16/91	AMERICIUM-241	0	0 0037	PCI/L	0	J	A
B401989	8/6/92	AMERICIUM-241	0	0 007	PCI/L	0 01	U	V
B405689	9/17/91	AMERICIUM-241	0	0 00335	PCI/L	0	J	A
4786	7/27/94	AMERICIUM-241	0 00071	0 00278	PCI/L	0 00688	J	V
B200789	6/2/92	AMERICIUM-241	0 0008	0 00293	PCI/L	0	J	A
B200889	10/11/90	AMERICIUM-241	0 0008	0 00216	PCI/L	0 01	J	
B405689	2/26/90	AMERICIUM-241	0 00084	0 00329	PCI/L	0 004		
B202589	6/21/95	AMERICIUM-241	0 0009	0 00465	PCI/L	0 009656	Y	
B102389	9/12/91	AMERICIUM-241	0 00097	0 00267	PCI/L	0	J	A
0290	3/1/90	AMERICIUM-241	0 001	0 00578	PCI/L	0 008		
B102389	8/11/92	AMERICIUM-241	0 001	0 004	PCI/L	0 007	U	V
B200689	9/17/91	AMERICIUM-241	0 001	0 00262	PCI/L	0	J	A
B200689	8/10/92	AMERICIUM-241	0 001	0 005	PCI/L	0 01	U	V
B205589	2/27/92	AMERICIUM-241	0 001	0 0028	PCI/L	0	J	A

Table 2 - Unfiltered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B205589	9/10/91	AMERICIUM-241	0 001	0 0019	PCI/L	0	J	A
B302789	3/16/92	AMERICIUM-241	0 001	0 0024	PCI/L	0	J	A
B302889	8/13/92	AMERICIUM-241	0 001	0 002	PCI/L	0 004	U	V
B405789	9/17/91	AMERICIUM-241	0 00105	0 00209	PCI/L	0	J	V
B401989	9/6/91	AMERICIUM-241	0 00108	0 00297	PCI/L	0	J	V
4786	11/15/90	AMERICIUM-241	0 00121	0 00172	PCI/L	0 01	J	A
B400489	11/26/91	AMERICIUM-241	0 00128	0 00256	PCI/L	0	J	A
B405789	11/16/90	AMERICIUM-241	0 00129	0 00183	PCI/L	0 01	J	
B200689	4/5/91	AMERICIUM-241	0 0013	0 0027	PCI/L	0	J	A
B200789	12/7/91	AMERICIUM-241	0 0014	0 00288	PCI/L	0	J	A
B202489	9/12/90	AMERICIUM-241	0 0014	0 00277	PCI/L	0	J	A
B405689	5/29/91	AMERICIUM-241	0 00148	0 00297	PCI/L	0	J	A
0290	8/13/93	AMERICIUM-241	0 0018	0 00441	PCI/L	0 00852	U	V
B201189	10/19/90	AMERICIUM-241	0 0018	0 00359	PCI/L	0	J	V
B202589	11/16/95	AMERICIUM-241	0 0018	0 00377	PCI/L	0 00788	J	Y
B405789	11/26/91	AMERICIUM-241	0 0018	0 0033	PCI/L	0	J	A
0290	5/19/95	AMERICIUM-241	0 002	0 004	PCI/L	0 008	U	Y
0390	8/31/95	AMERICIUM-241	0 002	0 00286	PCI/L	0 00273	J	Y
4786	4/19/93	AMERICIUM-241	0 002	0 006	PCI/L	0 008	U	V
4786	8/19/93	AMERICIUM-241	0 002	0 006	PCI/L	0 008	U	V
4786	11/9/94	AMERICIUM-241	0 002	0 013	PCI/L	0 026	U	Y
4786	2/10/95	AMERICIUM-241	0 002	0 01	PCI/L	0 021	U	V
5586	12/18/91	AMERICIUM-241	0 002	0 003	PCI/L	0	A	
B200889	6/6/90	AMERICIUM-241	0 002	0 00774	PCI/L	0 01	A	
B200889	8/17/92	AMERICIUM-241	0 002	0 005	PCI/L	0 008	U	V
B202489	6/21/95	AMERICIUM-241	0 002	0 004	PCI/L	0 008	U	Y
B202489	2/27/92	AMERICIUM-241	0 002	0 00371	PCI/L	0	J	A
B202589	5/29/92	AMERICIUM-241	0 002	0 004	PCI/L	0 004	U	A
B202589	5/31/91	AMERICIUM-241	0 002	0 00556	PCI/L	0	J	V
B302789	6/9/92	AMERICIUM-241	0 002	0 004	PCI/L	0 005	U	A
B302989	8/6/90	AMERICIUM-241	0 002	0 0031	PCI/L	0 01	J	A
B302989	6/4/92	AMERICIUM-241	0 002	0 004	PCI/L	0 004	U	A
B405689	3/9/93	AMERICIUM-241	0 002	0 0023	PCI/L	0 00183	A	
B102389	7/27/90	AMERICIUM-241	0 00207	0 0024	PCI/L	0 01	J	A
B401989	3/13/92	AMERICIUM-241	0 00209	0 00385	PCI/L	0	J	A
0290	3/1/90	AMERICIUM-241	0 0021	0 00403	PCI/L	0 003		
B405689	2/13/92	AMERICIUM-241	0 00216	0 00307	PCI/L	0	J	A
0290	2/27/90	AMERICIUM-241	0 0022	0 00855	PCI/L	0 011		
5586	12/8/92	AMERICIUM-241	0 0022	0 00425	PCI/L	0 00797	U	JA
B400289	2/13/92	AMERICIUM-241	0 00226	0 00321	PCI/L	0	J	A
B200589	3/24/93	AMERICIUM-241	0 00229	0 00325	PCI/L	0 003	J	A
B102289	3/24/93	AMERICIUM-241	0 0024	0 00493	PCI/L	0 00883	U	A
B200889	11/12/92	AMERICIUM-241	0 0024	0 00473	PCI/L	0 00887	U	A
B201189	4/5/91	AMERICIUM-241	0 0024	0 00347	PCI/L	0	J	V
B400389	3/8/93	AMERICIUM-241	0 0024	0 00407	PCI/L	0 00728	UF	A
4786	7/18/91	AMERICIUM-241	0 00244	0 00346	PCI/L	0	J	A
5586	9/5/90	AMERICIUM-241	0 00248	0 00319	PCI/L	0 005	J	V
B405689	6/29/92	AMERICIUM-241	0 0026	0 00369	PCI/L	0	J	V
B102289	9/17/91	AMERICIUM-241	0 00266	0 00378	PCI/L	0	J	V
B200589	9/19/91	AMERICIUM-241	0 00266	0 00377	PCI/L	0	J	A
0390	3/21/93	AMERICIUM-241	0 0027	0 0086	PCI/L	0 012	A	
B200789	9/13/91	AMERICIUM-241	0 0027	0 00384	PCI/L	0	J	A

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B400289	12/15/92	AMERICIUM-241	0 0027	0 005	PCI/L	0 01	U	JA
B400489	7/22/94	AMERICIUM-241	0 0027	0 00313	PCI/L	0 00244	V	
B102289	2/28/92	AMERICIUM-241	0 00276	0 00391	PCI/L	0	J	A
B400389	9/18/91	AMERICIUM-241	0 00276	0 00391	PCI/L	0	J	V
B200889	3/24/93	AMERICIUM-241	0 0028	0 0032	PCI/L	0 002	A	
4786	9/21/90	AMERICIUM-241	0 00282	0 00976	PCI/L	0 01	J	V
4786	6/18/91	AMERICIUM-241	0 00284	0 00403	PCI/L	0 01	J	
B405789	9/22/92	AMERICIUM-241	0 00284	0 00403	PCI/L	0	J	A
0390	2/9/94	AMERICIUM-241	0 003	0 004	PCI/L	0 008	U	V
4786	1/24/94	AMERICIUM-241	0 003	0 003	PCI/L	0 002	V	
4786	5/18/95	AMERICIUM-241	0 003	0 014	PCI/L	0 029	U	Y
B200689	3/16/93	AMERICIUM-241	0 003	0 007	PCI/L	0 007	A	
B201189	7/30/92	AMERICIUM-241	0 003	0 004	PCI/L	0 004	U	A
B202489	6/21/95	AMERICIUM-241	0 003	0 011	PCI/L	0 02	U	Y
B202589	8/13/92	AMERICIUM-241	0 003	0 006	PCI/L	0 01	U	V
B302789	3/21/95	AMERICIUM-241	0 003	0 006	PCI/L	0 01	U	Y
B302889	9/3/91	AMERICIUM-241	0 003	0 0037	PCI/L	0	J	V
B302989	2/21/92	AMERICIUM-241	0 003	0 0041	PCI/L	0	J	A
B400289	12/17/91	AMERICIUM-241	0 003	0 004	PCI/L	0	A	
B400289	6/9/92	AMERICIUM-241	0 003	0 004	PCI/L	0 003	BJ	A
1490	5/15/95	AMERICIUM-241	0 00307	0 00426	PCI/L	0 00416	Y	
B401989	12/15/91	AMERICIUM-241	0 00307	0 00436	PCI/L	0	J	A
B200689	2/20/92	AMERICIUM-241	0 0031	0 00443	PCI/L	0	J	A
B202589	11/1/90	AMERICIUM-241	0 0032	0 00483	PCI/L	0 01	J	
B405789	2/10/92	AMERICIUM-241	0 00331	0 00383	PCI/L	0	J	A
B102389	12/4/95	AMERICIUM-241	0 00332	0 00378	PCI/L	0 00522	J	Y
B102289	10/24/90	AMERICIUM-241	0 00338	0 00466	PCI/L	0 005	J	V
B200589	6/7/90	AMERICIUM-241	0 0035	0 01029	PCI/L	0 012	A	
B202489	3/22/93	AMERICIUM-241	0 0035	0 0049	PCI/L	0 01	A	
B400489	11/11/92	AMERICIUM-241	0 0035	0 00511	PCI/L	0 00858	U	A
B400289	9/14/90	AMERICIUM-241	0 00353	0 00548	PCI/L	0	J	V
5586	3/13/92	AMERICIUM-241	0 00363	0 00498	PCI/L	0	J	A
B302989	5/20/91	AMERICIUM-241	0 00375	0 00561	PCI/L	0 006	J	A
5586	3/19/93	AMERICIUM-241	0 0038	0 0074	PCI/L	0 01	A	
B400489	9/15/92	AMERICIUM-241	0 00387	0 00586	PCI/L	0 006	J	A
B401989	7/24/90	AMERICIUM-241	0 00391	0 00554	PCI/L	0 01	J	A
4786	7/20/92	AMERICIUM-241	0 004	0 006	PCI/L	0 003	J	A
4786	6/13/94	AMERICIUM-241	0 004	0 008	PCI/L	0 014	U	V
B102289	5/14/90	AMERICIUM-241	0 004	0 005	PCI/L	0 01	A	
B200689	6/8/90	AMERICIUM-241	0 004	0 00776	PCI/L	0 009	A	
B202489	12/11/91	AMERICIUM-241	0 004	0 00466	PCI/L	0	J	A
B205589	3/9/93	AMERICIUM-241	0 004	0 0044	PCI/L	0 00701	U	A
B205589	12/11/91	AMERICIUM-241	0 004	0 005	PCI/L	0	V	
B302789	12/16/91	AMERICIUM-241	0 004	0 0044	PCI/L	0	J	A
B302789	3/9/93	AMERICIUM-241	0 004	0 0031	PCI/L	0 00177	A	
B302789	10/22/92	AMERICIUM-241	0 004	0 0084	PCI/L	0	J	A
B302889	2/22/92	AMERICIUM-241	0 004	0 0043	PCI/L	0	J	A
B302889	5/24/90	AMERICIUM-241	0 004	0 002	PCI/L	0 002	A	
B302889	12/16/91	AMERICIUM-241	0 004	0 005	PCI/L	0	A	
B302889	11/6/92	AMERICIUM-241	0 004	0 005	PCI/L	0 0076	U	A
B302989	12/7/91	AMERICIUM-241	0 004	0 005	PCI/L	0	J	A
B405689	8/18/92	AMERICIUM-241	0 004	0 006	PCI/L	0 008	U	V

Table 2 - Unfiltered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B401989	5/22/91	AMERICIUM-241	0 00407	0 00472	PCI/L	0	J	A
4786	1/27/93	AMERICIUM-241	0 0041	0 00325	PCI/L	0 00183	YF	A
B200889	5/28/91	AMERICIUM-241	0 0041	0 0058	PCI/L	0	J	A
B400289	9/19/91	AMERICIUM-241	0 00419	0 00486	PCI/L	0	J	A
B400489	10/5/90	AMERICIUM-241	0 00422	0 00599	PCI/L	0	J	A
5586	7/25/94	AMERICIUM-241	0 00427	0 00486	PCI/L	0 00669	J	V
B102389	10/24/90	AMERICIUM-241	0 00429	0 00431	PCI/L	0	J	V
B202589	3/25/93	AMERICIUM-241	0 0043	0 00558	PCI/L	0 00924	U	A
B405789	3/5/93	AMERICIUM-241	0 0043	0 00393	PCI/L	0 00521	U	A
0290	5/4/94	AMERICIUM-241	0 0044	0 00532	PCI/L	0 00815	V	
B302989	8/29/91	AMERICIUM-241	0 00446	0 00518	PCI/L	0	J	V
B200689	11/18/91	AMERICIUM-241	0 0045	0 00523	PCI/L	0	J	A
B200789	3/3/92	AMERICIUM-241	0 0046	0 00531	PCI/L	0	J	A
B400389	10/5/90	AMERICIUM-241	0 0046	0 00534	PCI/L	0	J	V
B200689	10/8/90	AMERICIUM-241	0 0047	0 00448	PCI/L	0	J	V
B405689	12/11/90	AMERICIUM-241	0 00478	0 00677	PCI/L	0 01	J	A
0290	2/28/90	AMERICIUM-241	0 0048	0 00629	PCI/L	0 005		
0390	5/3/94	AMERICIUM-241	0 0048	0 00577	PCI/L	0 00885	V	
B102289	3/14/95	AMERICIUM-241	0 00494	0 00685	PCI/L	0 0067	Y	
0390	8/12/93	AMERICIUM-241	0 005	0 004	PCI/L	0 002	BJ	V
B201189	6/5/90	AMERICIUM-241	0 005	0 004	PCI/L	0	A	
B202489	2/9/90	AMERICIUM-241	0 005	0 006	PCI/L	0 007	A	
B202489	6/3/92	AMERICIUM-241	0 005	0 006	PCI/L	0 007	U	A
B205589	6/5/90	AMERICIUM-241	0 005	0 008	PCI/L	0 007	A	
B302889	1/30/90	AMERICIUM-241	0 005	0 004	PCI/L	0	A	
B400489	3/20/95	AMERICIUM-241	0 005	0 005	PCI/L	0 008	U	Y
B405689	11/25/91	AMERICIUM-241	0 005	0 006	PCI/L	0	A	
B405789	5/30/90	AMERICIUM-241	0 005	0 006	PCI/L	0 01	A	
B102389	2/13/92	AMERICIUM-241	0 00503	0 00506	PCI/L	0	J	A
B201189	2/27/92	AMERICIUM-241	0 0052	0 00587	PCI/L	0	J	A
B200789	3/18/93	AMERICIUM-241	0 0053	0 0053	PCI/L	0 01	A	
B200889	2/3/92	AMERICIUM-241	0 0053	0 00538	PCI/L	0	J	A
B405689	7/19/90	AMERICIUM-241	0 0053	0 00754	PCI/L	0 01	J	A
0290	8/22/94	AMERICIUM-241	0 0054	0 0061	PCI/L	0 00486	V	
4786	12/2/93	AMERICIUM-241	0 00552	0 00376	PCI/L	0 00406	Y	
4786	11/11/91	AMERICIUM-241	0 00561	0 00565	PCI/L	0	J	A
B200589	11/5/92	AMERICIUM-241	0 0058	0 00568	PCI/L	0 00392	A	
4786	8/4/95	AMERICIUM-241	0 00583	0 0048	PCI/L	0 00263	Y	
0290	2/3/94	AMERICIUM-241	0 006	0 006	PCI/L	0 009	U	V
0390	2/3/95	AMERICIUM-241	0 006	0 009	PCI/L	0 015	U	V
1490	8/12/93	AMERICIUM-241	0 006	0 01	PCI/L	0 01	U	V
4786	1/24/94	AMERICIUM-241	0 006	0 004	PCI/L	0 002	V	
B205589	6/5/92	AMERICIUM-241	0 006	0 0052	PCI/L	0	J	V
B302789	3/21/95	AMERICIUM-241	0 006	0 006	PCI/L	0 008	U	Y
B405789	6/8/92	AMERICIUM-241	0 006	0 004	PCI/L	0 005	J	A
4786	5/14/92	AMERICIUM-241	0 00609	0 00707	PCI/L	0	J	A
B202589	12/9/91	AMERICIUM-241	0 0061	0 00712	PCI/L	0	J	A
4786	2/11/92	AMERICIUM-241	0 00617	0 00716	PCI/L	0	J	A
B200889	8/16/90	AMERICIUM-241	0 0063	0 00428	PCI/L	0 01	J	
B201189	6/8/95	AMERICIUM-241	0 0063	0 00503	PCI/L	0 002832	Y	
B400389	11/25/91	AMERICIUM-241	0 0064	0 00635	PCI/L	0	J	A
5586	9/16/91	AMERICIUM-241	0 00658	0 00592	PCI/L	0	J	A

Table 2 - Unfiltered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B202589	11/15/95	AMERICIUM-241	0 0067	0 0102	PCI/L	0 0187	J	Y
1490	2/7/95	AMERICIUM-241	0 007	0 009	PCI/L	0 014	U	V
B302889	8/10/90	AMERICIUM-241	0 007	0 0125	PCI/L	0		
B302889	3/21/95	AMERICIUM-241	0 007	0 0087	PCI/L	0 01331	Y	
B302989	3/21/93	AMERICIUM-241	0 007	0 009	PCI/L	0 007	A	
B400389	6/8/92	AMERICIUM-241	0 007	0 006	PCI/L	0 005	J	A
B400489	6/9/92	AMERICIUM-241	0 007	0 004	PCI/L	0 003	BJ	A
B400389	2/7/92	AMERICIUM-241	0 00713	0 00642	PCI/L	0	J	A
B400289	9/8/92	AMERICIUM-241	0 00721	0 0065	PCI/L	0	J	A
B201189	12/11/91	AMERICIUM-241	0 0073	0 00659	PCI/L	0	J	A
B302989	11/6/92	AMERICIUM-241	0 0073	0 00609	PCI/L	0 00761	U	A
0390	3/1/90	AMERICIUM-241	0 0076	0 01492	PCI/L	0 018		
B200689	11/10/92	AMERICIUM-241	0 0076	0 00669	PCI/L	0 00412	A	
B201189	3/8/93	AMERICIUM-241	0 0078	0 0046	PCI/L	0 00191	A	
B202489	7/27/92	AMERICIUM-241	0 0079	0 0113	PCI/L	0	J	A
4786	5/18/95	AMERICIUM-241	0 008	0 018	PCI/L	0 035	U	Y
B102289	2/8/90	AMERICIUM-241	0 008	0 016	PCI/L	0 006	A	
B102389	3/24/93	AMERICIUM-241	0 008	0 007	PCI/L	0 00431	A	
B302989	2/1/90	AMERICIUM-241	0 008	0 007	PCI/L	0 008	A	
B102389	10/16/92	AMERICIUM-241	0 0081	0 00712	PCI/L	0 00439	A	
B202589	3/26/92	AMERICIUM-241	0 0081	0 0072	PCI/L	0	J	A
B400289	11/29/90	AMERICIUM-241	0 00811	0 0133	PCI/L	0	J	V
B200589	1/28/92	AMERICIUM-241	0 00834	0 00687	PCI/L	0	J	A
B400489	8/15/90	AMERICIUM-241	0 00863	0 00823	PCI/L	0		
1490	9/14/95	AMERICIUM-241	0 00899	0 00904	PCI/L	0 00608	Y	
B302789	5/31/90	AMERICIUM-241	0 009	0 008	PCI/L	0 007	A	
B302889	6/4/92	AMERICIUM-241	0 009	0 014	PCI/L	0 014	U	A
B200789	8/20/90	AMERICIUM-241	0 0091	0 00618	PCI/L	0 01	J	A
0290	9/11/95	AMERICIUM-241	0 0093	0 0131	PCI/L	0 0236	J	Y
B400489	3/23/93	AMERICIUM-241	0 0095	0 0088	PCI/L	0 01	A	
B405789	11/10/92	AMERICIUM-241	0 00967	0 00872	PCI/L	0	J	A
B200889	9/13/91	AMERICIUM-241	0 0099	0 00759	PCI/L	0	J	A
1490	8/24/94	AMERICIUM-241	0 01	0 014	PCI/L	0 024	U	Y
B201189	2/13/90	AMERICIUM-241	0 01	0 007	PCI/L	0 004	A	
B401989	3/17/93	AMERICIUM-241	0 0112	0 0084	PCI/L	0 01	A	
B400489	2/10/92	AMERICIUM-241	0 01138	0 00768	PCI/L	0	A	
0390	3/22/90	AMERICIUM-241	0 0115	0 01286	PCI/L	0 011		
0390	3/22/90	AMERICIUM-241	0 0116	0 01135	PCI/L	0 009		
B202589	8/20/90	AMERICIUM-241	0 0118	0 00635	PCI/L	0 01	A	
B405789	8/16/90	AMERICIUM-241	0 01191	0 00502	PCI/L	0 01		
B205589	7/30/92	AMERICIUM-241	0 012	0 012	PCI/L	0 014	U	A
B200589	9/23/92	AMERICIUM-241	0 01228	0 0101	PCI/L	0	A	
1490	4/28/93	AMERICIUM-241	0 014	0 028	PCI/L	0 032	U	A
B102289	10/27/92	AMERICIUM-241	0 014	0 00845	PCI/L	0 00367	F	A
B405689	11/9/92	AMERICIUM-241	0 01479	0 00868	PCI/L	0	A	
0290	4/27/93	AMERICIUM-241	0 015	0 018	PCI/L	0 018	U	A
B400389	11/12/92	AMERICIUM-241	0 015	0 00841	PCI/L	0 0032	A	
4786	4/8/91	AMERICIUM-241	0 01576	0 0114	PCI/L	0 009	A	
B202589	9/10/91	AMERICIUM-241	0 0159	0 00917	PCI/L	0 006	V	
0390	4/28/93	AMERICIUM-241	0 016	0 014	PCI/L	0 011	A	
B200789	6/7/90	AMERICIUM-241	0 0165	0 01244	PCI/L	0 01	A	
B102389	12/14/91	AMERICIUM-241	0 0168	0 0152	PCI/L	0	A	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
4786	10/15/92	AMERICIUM-241	0 018	0 001	PCI/L	0 018	U	Z
4786	6/13/94	AMERICIUM-241	0 018	0 018	PCI/L	0 024	U	V
10294	8/25/94	AMERICIUM-241	0 0185	0 01361	PCI/L	0 01719	Y	
11294	11/30/94	AMERICIUM-241	0 0193	0 01335	PCI/L	0 01781	Y	
B202489	10/19/92	AMERICIUM-241	0 0197	0 00527	PCI/L	0 01973	U	Z
B202489	11/12/90	AMERICIUM-241	0 0218	0 0167	PCI/L	0 01	A	
B205589	2/15/90	AMERICIUM-241	0 022	0 011	PCI/L	0 006	A	
4786	2/10/95	AMERICIUM-241	0 025	0 021	PCI/L	0 028	U	JA
0390	9/6/94	AMERICIUM-241	0 031	0 024	PCI/L	0 012	Y	
0390	5/9/95	AMERICIUM-241	0 0353	0 022	PCI/L	0 0252	Y	
B102289	8/30/90	AMERICIUM-241	0 0365	0 0174	PCI/L	0		
B400389	9/23/92	AMERICIUM-241	0 062	0 064	PCI/L	0 062	UY	Z
1490	3/21/93	AMERICIUM-241	0 086	0 035	PCI/L	0 038	A	
B302989	12/5/90	AMERICIUM-241	0 09698	0 0227	PCI/L	0 01		
B400289	3/10/93	AMERICIUM-241	0 19	0 02502	PCI/L	0 00532	A	
1490	2/7/95	PLUTONIUM-239/240	-0 005	0 013	PCI/L	0 031	U	V
B400489	3/20/95	PLUTONIUM-239/240	-0 005	0 008	PCI/L	0 021	U	Y
1490	5/15/95	PLUTONIUM-239/240	-0 00472	0 00689	PCI/L	0 01888	Y	
0390	2/3/95	PLUTONIUM-239/240	-0 004	0 012	PCI/L	0 029	U	V
B400289	5/23/91	PLUTONIUM-239/240	-0 00327	0 00488	PCI/L	0 01	J	A
4786	2/10/95	PLUTONIUM-239/240	-0 003	0 007	PCI/L	0 019	U	V
B400489	2/26/90	PLUTONIUM-239/240	-0 00296	0 00387	PCI/L	0 009		
5586	9/5/90	PLUTONIUM-239/240	-0 00257	0 00384	PCI/L	0 008	J	V
B202589	6/1/90	PLUTONIUM-239/240	-0 002	0 004	PCI/L	0 007	A	
B202589	8/13/92	PLUTONIUM-239/240	-0 002	0 002	PCI/L	0 007	U	V
B400389	6/8/92	PLUTONIUM-239/240	-0 002	0 003	PCI/L	0 007	U	V
B405789	5/30/90	PLUTONIUM-239/240	-0 002	0 004	PCI/L	0 007	A	
0390	3/1/90	PLUTONIUM-239/240	-0 0016	0 00322	PCI/L	0 008		
10294	12/12/95	PLUTONIUM-239/240	-0 0016	0 00232	PCI/L	0 0141	J	Y
0390	3/21/93	PLUTONIUM-239/240	-0 001	0 001	PCI/L	0 006	A	
1490	2/3/94	PLUTONIUM-239/240	-0 001	0 005	PCI/L	0 013	U	V
4786	1/27/93	PLUTONIUM-239/240	-0 001	0 00237	PCI/L	0 00649	U	A
B202489	6/3/92	PLUTONIUM-239/240	-0 001	0 001	PCI/L	0 003	U	V
B400489	9/16/91	PLUTONIUM-239/240	-0 001	0 002	PCI/L	0 005	J	V
B202589	5/31/91	PLUTONIUM-239/240	-0 0009	0 00095	PCI/L	0 004	J	V
B200789	6/2/92	PLUTONIUM-239/240	-0 0007	0 00134	PCI/L	0	J	V
4786	5/14/92	PLUTONIUM-239/240	-0 00056	0 00113	PCI/L	0	J	A
B200789	3/3/92	PLUTONIUM-239/240	-0 0005	0 00072	PCI/L	0 005	J	A
B200889	5/28/91	PLUTONIUM-239/240	-0 0005	0 00072	PCI/L	0 005	J	V
B200889	2/3/92	PLUTONIUM-239/240	-0 0005	0 00094	PCI/L	0	J	A
B202589	9/10/91	PLUTONIUM-239/240	-0 0005	0 0007	PCI/L	0 005	J	V
B102389	12/4/95	PLUTONIUM-239/240	-0 00044	0 00088	PCI/L	0 00622	J	Y
B302989	2/21/92	PLUTONIUM-239/240	-0 00032	0 00064	PCI/L	0	J	A
B200689	9/17/91	PLUTONIUM-239/240	-0 0003	0 0006	PCI/L	0	J	V
B200689	11/18/91	PLUTONIUM-239/240	-0 0003	0 00051	PCI/L	0	J	A
4786	7/27/94	PLUTONIUM-239/240	-0 00028	0 00056	PCI/L	0 00566	J	V
B302989	12/7/91	PLUTONIUM-239/240	-0 00026	0 00051	PCI/L	0	J	A
B302989	8/29/91	PLUTONIUM-239/240	-0 00025	0 00049	PCI/L	0	J	V
B405789	11/26/91	PLUTONIUM-239/240	-0 00025	0 00051	PCI/L	0	J	A
B400489	10/5/90	PLUTONIUM-239/240	-0 00023	0 00046	PCI/L	0	J	V
B401989	5/22/91	PLUTONIUM-239/240	-0 00022	0 00044	PCI/L	0	J	V
B200689	10/8/90	PLUTONIUM-239/240	-0 0002	0 00045	PCI/L	0	J	V

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B202589	12/9/91	PLUTONIUM-239/240	-0 0002	0 00047	PCI/L	0	J	A
B405789	11/16/90	PLUTONIUM-239/240	-0 00016	0 00033	PCI/L	0 01	J	
0290	3/1/90	PLUTONIUM-239/240	0	0 00365	PCI/L	0 006		
0390	2/9/94	PLUTONIUM-239/240	0	0 003	PCI/L	0 01	U	V
0390	5/3/94	PLUTONIUM-239/240	0	0 00167	PCI/L	0 00443	V	
10294	12/8/94	PLUTONIUM-239/240	0	0 038	PCI/L	0 083	U	V
1490	4/28/93	PLUTONIUM-239/240	0	0 011	PCI/L	0 028	U	V
4786	4/8/91	PLUTONIUM-239/240	0	0 00577	PCI/L	0	J	A
4786	7/18/91	PLUTONIUM-239/240	0	0 00285	PCI/L	0	J	V
4786	2/11/92	PLUTONIUM-239/240	0	0 00332	PCI/L	0	J	A
4786	1/24/94	PLUTONIUM-239/240	0	0 0025	PCI/L	0 005	V	
4786	2/10/95	PLUTONIUM-239/240	0	0 006	PCI/L	0 014	U	V
4786	5/18/95	PLUTONIUM-239/240	0	0 002	PCI/L	0 005	U	Y
5586	12/18/91	PLUTONIUM-239/240	0	0 004	PCI/L	0	A	
5586	8/18/92	PLUTONIUM-239/240	0	0 002	PCI/L	0 006	U	V
B102289	5/14/90	PLUTONIUM-239/240	0	0 002	PCI/L	0 01	A	
B102289	5/23/91	PLUTONIUM-239/240	0	0 00723	PCI/L	0	J	V
B102289	10/27/92	PLUTONIUM-239/240	0	0 0023	PCI/L	0 00366	U	A
B102389	9/12/91	PLUTONIUM-239/240	0	0 00314	PCI/L	0	J	V
B102389	8/11/92	PLUTONIUM-239/240	0	0 002	PCI/L	0 006	U	V
B200589	9/19/91	PLUTONIUM-239/240	0	0 00298	PCI/L	0	J	V
B200589	1/28/92	PLUTONIUM-239/240	0	0 00309	PCI/L	0	J	A
B200589	11/5/92	PLUTONIUM-239/240	0	0 002	PCI/L	0 01289	A	
B200689	11/10/92	PLUTONIUM-239/240	0	0 0022	PCI/L	0 0192	U	A
B200789	8/20/90	PLUTONIUM-239/240	0	0 00269	PCI/L	0 01	J	A
B200789	8/18/92	PLUTONIUM-239/240	0	0 003	PCI/L	0 01	U	V
B200789	10/26/92	PLUTONIUM-239/240	0	0 0022	PCI/L	0 00386	U	A
B200889	8/16/90	PLUTONIUM-239/240	0	0 0032	PCI/L	0 01	J	
B200889	9/13/91	PLUTONIUM-239/240	0	0 00348	PCI/L	0	J	V
B200889	6/4/92	PLUTONIUM-239/240	0	0 00795	PCI/L	0	J	V
B202489	11/12/90	PLUTONIUM-239/240	0	0 00614	PCI/L	0 01	J	A
B202489	2/27/92	PLUTONIUM-239/240	0	0 00349	PCI/L	0	J	A
B202489	3/22/93	PLUTONIUM-239/240	0	0 0704	PCI/L	0 02	A	
B202589	8/20/90	PLUTONIUM-239/240	0	0 00289	PCI/L	0 01	J	A
B202589	11/1/90	PLUTONIUM-239/240	0	0 00862	PCI/L	0 01	J	
B202589	3/28/91	PLUTONIUM-239/240	0	0 00384	PCI/L	0	J	V
B202589	6/21/95	PLUTONIUM-239/240	0	0 00337	PCI/L	0 007974	Y	
B205589	2/27/92	PLUTONIUM-239/240	0	0 0019	PCI/L	0 004	J	A
B302789	5/22/91	PLUTONIUM-239/240	0	0 0034	PCI/L	0	J	V
B302789	12/16/91	PLUTONIUM-239/240	0	0 0029	PCI/L	0	J	A
B302789	3/21/95	PLUTONIUM-239/240	0	0 004	PCI/L	0 009	U	Y
B302889	2/22/92	PLUTONIUM-239/240	0	0 0007	PCI/L	0 005	J	A
B302889	5/22/91	PLUTONIUM-239/240	0	0 0005	PCI/L	0	J	A
B302889	8/13/92	PLUTONIUM-239/240	0	0 002	PCI/L	0 006	U	V
B302989	5/23/90	PLUTONIUM-239/240	0	0 003	PCI/L	0 006	A	
B302989	6/4/92	PLUTONIUM-239/240	0	0 003	PCI/L	0 003	U	V
B400289	9/14/90	PLUTONIUM-239/240	0	0 0034	PCI/L	0	J	V
B405689	6/29/92	PLUTONIUM-239/240	0	0 00407	PCI/L	0	J	V
B405689	3/9/93	PLUTONIUM-239/240	0	0	PCI/L	0 00195	U	A
B405789	2/10/92	PLUTONIUM-239/240	0	0 0104	PCI/L	0	J	A
B405789	6/8/92	PLUTONIUM-239/240	0	0 004	PCI/L	0 001	U	V
B405789	11/10/92	PLUTONIUM-239/240	0 00022	0 00248	PCI/L	0 005	J	A

Table 2 - Unfiltered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B405689	2/13/92	PLUTONIUM-239/240	0 00025	0 00222	PCI/L	0 005	J	A
4786	8/4/95	PLUTONIUM-239/240	0 00026	0 00301	PCI/L	0 00901	J	Y
B400389	9/18/91	PLUTONIUM-239/240	0 00033	0 00292	PCI/L	0 006	J	V
5586	3/13/92	PLUTONIUM-239/240	0 00035	0 00304	PCI/L	0 006	J	A
B201189	10/19/90	PLUTONIUM-239/240	0 0004	0 00185	PCI/L	0 004	J	A
B102389	10/24/90	PLUTONIUM-239/240	0 00044	0 00187	PCI/L	0 004	J	V
B405689	9/17/91	PLUTONIUM-239/240	0 00045	0 0019	PCI/L	0 004	J	V
B102389	7/27/90	PLUTONIUM-239/240	0 00047	0 00094	PCI/L	0 01	J	A
B302989	3/22/91	PLUTONIUM-239/240	0 0005	0 00211	PCI/L	0 005	J	V
1490	5/3/94	PLUTONIUM-239/240	0 0006	0 00261	PCI/L	0 00553	V	
B200589	3/24/93	PLUTONIUM-239/240	0 0006	0 00248	PCI/L	0 006	J	A
B201189	4/5/91	PLUTONIUM-239/240	0 0006	0 00241	PCI/L	0 005	J	A
B202589	3/26/92	PLUTONIUM-239/240	0 0006	0 0025	PCI/L	0 006	J	A
5586	3/19/93	PLUTONIUM-239/240	0 0007	0 0048	PCI/L	0 01	A	
5586	9/16/91	PLUTONIUM-239/240	0 0007	0 00194	PCI/L	0	J	V
B200889	3/22/91	PLUTONIUM-239/240	0 0007	0 00197	PCI/L	0	J	V
B201189	2/27/92	PLUTONIUM-239/240	0 0007	0 00194	PCI/L	0	J	A
B405789	3/5/93	PLUTONIUM-239/240	0 0007	0 00133	PCI/L	0 00183	U	A
B102289	3/28/91	PLUTONIUM-239/240	0 00075	0 0032	PCI/L	0 007	J	V
B200689	4/5/91	PLUTONIUM-239/240	0 0008	0 00221	PCI/L	0	J	A
B401989	9/6/91	PLUTONIUM-239/240	0 0008	0 00219	PCI/L	0	J	V
5586	3/28/91	PLUTONIUM-239/240	0 00081	0 00342	PCI/L	0 008	J	V
B102289	9/17/91	PLUTONIUM-239/240	0 00084	0 00231	PCI/L	0	J	V
B400289	9/19/91	PLUTONIUM-239/240	0 00084	0 0023	PCI/L	0	J	V
B405689	12/11/90	PLUTONIUM-239/240	0 00084	0 00232	PCI/L	0 01	J	A
5586	5/23/91	PLUTONIUM-239/240	0 0009	0 00181	PCI/L	0	J	V
B200589	10/22/90	PLUTONIUM-239/240	0 0009	0 00179	PCI/L	0	J	A
B200889	10/11/90	PLUTONIUM-239/240	0 0009	0 00178	PCI/L	0 01	J	
B202589	3/25/93	PLUTONIUM-239/240	0 0009	0 00307	PCI/L	0 00665	U	A
0290	2/27/90	PLUTONIUM-239/240	0 001	0 00565	PCI/L	0 008		
4786	7/20/92	PLUTONIUM-239/240	0 001	0 002	PCI/L	0 002	U	A
4786	5/18/95	PLUTONIUM-239/240	0 001	0 003	PCI/L	0 005	U	Y
B102389	5/26/92	PLUTONIUM-239/240	0 001	0 004	PCI/L	0 004	U	A
B200689	8/23/90	PLUTONIUM-239/240	0 001	0 00198	PCI/L	0	J	A
B200789	4/4/91	PLUTONIUM-239/240	0 001	0 00192	PCI/L	0	J	V
B200889	8/17/92	PLUTONIUM-239/240	0 001	0 003	PCI/L	0 01	U	V
B201189	6/5/90	PLUTONIUM-239/240	0 001	0 002	PCI/L	0 004	A	
B205589	6/5/92	PLUTONIUM-239/240	0 001	0 0051	PCI/L	0 011	J	V
B205589	12/11/91	PLUTONIUM-239/240	0 001	0 0018	PCI/L	0 01	J	
B205589	10/19/90	PLUTONIUM-239/240	0 001	0 0023	PCI/L	0	J	A
B205589	9/10/91	PLUTONIUM-239/240	0 001	0 0017	PCI/L	0	J	V
B205589	6/8/95	PLUTONIUM-239/240	0 001	0 0017	PCI/L	0 0024	Y	
B302789	6/9/92	PLUTONIUM-239/240	0 001	0 002	PCI/L	0 001	J	A
B302789	11/19/90	PLUTONIUM-239/240	0 001	0 0017	PCI/L	0 01	J	
B302889	9/3/91	PLUTONIUM-239/240	0 001	0 0027	PCI/L	0 006	J	V
B302889	12/16/91	PLUTONIUM-239/240	0 001	0 002	PCI/L	0	V	
B302889	6/4/92	PLUTONIUM-239/240	0 001	0 002	PCI/L	0 001	J	V
B400289	5/19/90	PLUTONIUM-239/240	0 001	0 004	PCI/L	0 005	A	
B400289	12/17/91	PLUTONIUM-239/240	0 001	0 002	PCI/L	0	A	
B405689	11/25/91	PLUTONIUM-239/240	0 001	0 002	PCI/L	0	A	
B405689	8/18/92	PLUTONIUM-239/240	0 001	0 002	PCI/L	0 004	U	V
4786	9/21/90	PLUTONIUM-239/240	0 00101	0 00202	PCI/L	0 01	J	V

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B400489	4/3/91	PLUTONIUM-239/240	0 00105	0 00211	PCI/L	0	J	V
B202489	12/11/91	PLUTONIUM-239/240	0 0011	0 00221	PCI/L	0	J	A
B102289	10/24/90	PLUTONIUM-239/240	0 00115	0 00316	PCI/L	0	J	V
B102389	4/4/91	PLUTONIUM-239/240	0 00115	0 0023	PCI/L	0	J	V
B102389	10/16/92	PLUTONIUM-239/240	0 0012	0 00238	PCI/L	0 00329	U	A
B200889	11/12/92	PLUTONIUM-239/240	0 0012	0 0241	PCI/L	0 03317	UY	A
B200889	12/7/91	PLUTONIUM-239/240	0 0012	0 00242	PCI/L	0	J	A
B400489	9/15/92	PLUTONIUM-239/240	0 00121	0 00435	PCI/L	0	J	A
B202489	10/19/92	PLUTONIUM-239/240	0 0014	0 00284	PCI/L	0 00392	U	A
B405689	7/19/90	PLUTONIUM-239/240	0 00141	0 00282	PCI/L	0 01	J	A
B200889	3/24/93	PLUTONIUM-239/240	0 0015	0 00367	PCI/L	0 007	J	A
B400389	10/5/90	PLUTONIUM-239/240	0 00153	0 00252	PCI/L	0	J	V
4786	6/18/91	PLUTONIUM-239/240	0 00157	0 00432	PCI/L	0 01	J	V
B200789	10/8/90	PLUTONIUM-239/240	0 0016	0 00264	PCI/L	0	J	V
B102289	3/14/95	PLUTONIUM-239/240	0 00163	0 00553	PCI/L	0 01198	Y	V
B400489	2/10/92	PLUTONIUM-239/240	0 00165	0 0032	PCI/L	0 005	J	A
B405789	5/28/91	PLUTONIUM-239/240	0 00167	0 00275	PCI/L	0	J	V
B400389	2/7/92	PLUTONIUM-239/240	0 00174	0 00285	PCI/L	0	J	A
B200689	2/20/92	PLUTONIUM-239/240	0 0018	0 003	PCI/L	0	J	A
B200789	12/7/91	PLUTONIUM-239/240	0 0018	0 0029	PCI/L	0	J	A
B202489	9/12/90	PLUTONIUM-239/240	0 0018	0 00257	PCI/L	0	J	A
B401989	10/12/90	PLUTONIUM-239/240	0 0018	0 00255	PCI/L	0	J	V
B400389	4/3/91	PLUTONIUM-239/240	0 00181	0 00352	PCI/L	0 006	J	A
B102289	2/28/92	PLUTONIUM-239/240	0 00185	0 0036	PCI/L	0 006	J	A
B102389	12/14/91	PLUTONIUM-239/240	0 00189	0 0031	PCI/L	0	J	A
4786	11/11/91	PLUTONIUM-239/240	0 00196	0 00323	PCI/L	0	J	A
0290	11/9/94	PLUTONIUM-239/240	0 002	0 004	PCI/L	0 003	U	Y
0290	2/7/95	PLUTONIUM-239/240	0 002	0 003	PCI/L	0 003	U	V
0290	5/19/95	PLUTONIUM-239/240	0 002	0 003	PCI/L	0 002	BJ	Y
0390	9/6/94	PLUTONIUM-239/240	0 002	0 004	PCI/L	0 005	U	Y
4786	6/15/90	PLUTONIUM-239/240	0 002	0 002	PCI/L	0	A	V
4786	4/19/93	PLUTONIUM-239/240	0 002	0 004	PCI/L	0 002	J	V
4786	1/24/94	PLUTONIUM-239/240	0 002	0 003	PCI/L	0 003	V	V
4786	11/9/94	PLUTONIUM-239/240	0 002	0 006	PCI/L	0 012	U	Y
B200689	5/29/92	PLUTONIUM-239/240	0 002	0 002	PCI/L	0 001	BJ	A
B200789	3/18/93	PLUTONIUM-239/240	0 002	0 0056	PCI/L	0 01	A	V
B202489	6/14/90	PLUTONIUM-239/240	0 002	0 002	PCI/L	0	A	V
B202489	6/21/95	PLUTONIUM-239/240	0 002	0 006	PCI/L	0 011	U	Y
B205589	6/5/90	PLUTONIUM-239/240	0 002	0 002	PCI/L	0	A	V
B205589	4/5/91	PLUTONIUM-239/240	0 002	0 0035	PCI/L	0 005	J	A
B302789	5/31/90	PLUTONIUM-239/240	0 002	0 002	PCI/L	0	A	V
B302789	3/21/95	PLUTONIUM-239/240	0 002	0 005	PCI/L	0 009	U	Y
B302889	3/22/91	PLUTONIUM-239/240	0 002	0 0032	PCI/L	0	J	V
B302989	8/13/92	PLUTONIUM-239/240	0 002	0 003	PCI/L	0 005	U	V
B400289	6/9/92	PLUTONIUM-239/240	0 002	0 004	PCI/L	0 003	U	V
B400389	9/23/92	PLUTONIUM-239/240	0 002	0 00425	PCI/L	0 00587	U	A
B401989	3/13/92	PLUTONIUM-239/240	0 00201	0 00403	PCI/L	0	J	A
B405789	8/16/90	PLUTONIUM-239/240	0 00206	0 00339	PCI/L	0 01	J	V
0290	5/4/94	PLUTONIUM-239/240	0 0021	0 00363	PCI/L	0 00651	V	V
B405689	11/9/92	PLUTONIUM-239/240	0 00211	0 00542	PCI/L	0 008	J	A
B302989	8/6/90	PLUTONIUM-239/240	0 00213	0 00214	PCI/L	0 01	J	A
B200589	4/4/91	PLUTONIUM-239/240	0 0022	0 00319	PCI/L	0	J	V

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B201189	6/8/95	PLUTONIUM-239/240	0 0022	0 00439	PCI/L	0 008242	Y	
B202489	4/8/91	PLUTONIUM-239/240	0 0022	0 00308	PCI/L	0	J	A
0390	3/22/90	PLUTONIUM-239/240	0 0023	0 00298	PCI/L	0 004		
B400389	3/8/93	PLUTONIUM-239/240	0 0023	0 00453	PCI/L	0 00829	U	A
B405789	9/17/91	PLUTONIUM-239/240	0 00235	0 00386	PCI/L	0	J	V
B302989	5/20/91	PLUTONIUM-239/240	0 00236	0 00335	PCI/L	0 004	J	V
B200789	9/13/91	PLUTONIUM-239/240	0 0024	0 00335	PCI/L	0	J	V
B202589	11/16/95	PLUTONIUM-239/240	0 0024	0 00345	PCI/L	0 00329	J	Y
4786	11/15/90	PLUTONIUM-239/240	0 00249	0 00353	PCI/L	0 01	J	A
B400489	11/26/91	PLUTONIUM-239/240	0 00256	0 00327	PCI/L	0	J	A
B400489	3/23/93	PLUTONIUM-239/240	0 0026	0 0057	PCI/L	0 01	A	
B405689	5/29/91	PLUTONIUM-239/240	0 00263	0 00336	PCI/L	0	J	V
B400289	11/29/90	PLUTONIUM-239/240	0 00267	0 00341	PCI/L	0	J	V
B401989	12/15/91	PLUTONIUM-239/240	0 00288	0 00408	PCI/L	0	J	A
0390	8/31/95	PLUTONIUM-239/240	0 0029	0 00342	PCI/L	0 00266	Y	
4786	10/15/92	PLUTONIUM-239/240	0 0029	0 00557	PCI/L	0 00769	U	A
0390	8/12/93	PLUTONIUM-239/240	0 003	0 004	PCI/L	0 005	U	V
4786	6/13/94	PLUTONIUM-239/240	0 003	0 004	PCI/L	0 006	U	V
B102389	3/24/93	PLUTONIUM-239/240	0 003	0 0044	PCI/L	0 00738	U	A
B302889	5/24/90	PLUTONIUM-239/240	0 003	0 004	PCI/L	0 003	A	
B302889	3/21/93	PLUTONIUM-239/240	0 003	0 0074	PCI/L	0 007	A	
B401989	8/6/92	PLUTONIUM-239/240	0 003	0 004	PCI/L	0 005	U	V
B200589	6/26/92	PLUTONIUM-239/240	0 0031	0 00625	PCI/L	0	J	V
B400289	2/13/92	PLUTONIUM-239/240	0 00331	0 00469	PCI/L	0 006	J	A
B201189	8/29/91	PLUTONIUM-239/240	0 0034	0 0044	PCI/L	0	J	V
0390	5/9/95	PLUTONIUM-239/240	0 0035	0 00341	PCI/L	0 00235	Y	
B400389	3/20/90	PLUTONIUM-239/240	0 00351	0 00688	PCI/L	0 009		
B400289	9/8/92	PLUTONIUM-239/240	0 00353	0 00707	PCI/L	0	J	A
B201189	12/11/91	PLUTONIUM-239/240	0 0036	0 00385	PCI/L	0	J	A
B102289	3/24/93	PLUTONIUM-239/240	0 0037	0 00364	PCI/L	0 00251	A	
B202589	11/15/95	PLUTONIUM-239/240	0 0037	0 00677	PCI/L	0 013	J	Y
B400289	3/10/93	PLUTONIUM-239/240	0 0037	0 00325	PCI/L	0 00201	A	
B405689	2/26/90	PLUTONIUM-239/240	0 00395	0 00465	PCI/L	0 004		
1490	8/24/94	PLUTONIUM-239/240	0 004	0 01	PCI/L	0 017	U	Y
4786	8/19/93	PLUTONIUM-239/240	0 004	0 006	PCI/L	0 006	U	V
4786	11/9/94	PLUTONIUM-239/240	0 004	0 004	PCI/L	0 002	J	Y
B102289	5/26/92	PLUTONIUM-239/240	0 004	0 006	PCI/L	0 003	J	A
B202589	5/29/92	PLUTONIUM-239/240	0 004	0 004	PCI/L	0 003	J	A
B302789	3/9/93	PLUTONIUM-239/240	0 004	0 0039	PCI/L	0 00546	U	A
B302789	3/16/92	PLUTONIUM-239/240	0 004	0 0042	PCI/L	0	J	A
B302889	3/21/95	PLUTONIUM-239/240	0 004	0 0081	PCI/L	0 0152	Y	
B400489	11/11/92	PLUTONIUM-239/240	0 0042	0 01826	PCI/L	0 01022	A	
B102389	2/13/92	PLUTONIUM-239/240	0 00438	0 00471	PCI/L	0 005	J	A
B401989	7/24/90	PLUTONIUM-239/240	0 00483	0 00437	PCI/L	0 01	J	A
B200589	12/7/91	PLUTONIUM-239/240	0 0049	0 00492	PCI/L	0	J	A
B200889	3/15/95	PLUTONIUM-239/240	0 0049	0 00963	PCI/L	0 01762	Y	
0390	4/28/93	PLUTONIUM-239/240	0 005	0 014	PCI/L	0 018	U	V
B200689	8/10/92	PLUTONIUM-239/240	0 005	0 003	PCI/L	0 006	U	V
B302889	11/6/92	PLUTONIUM-239/240	0 005	0 0057	PCI/L	0 00457	A	
0290	3/1/90	PLUTONIUM-239/240	0 0051	0 00504	PCI/L	0 007		
B400289	3/28/91	PLUTONIUM-239/240	0 00517	0 00815	PCI/L	0 011	J	V
0290	9/11/95	PLUTONIUM-239/240	0 0057	0 0119	PCI/L	0 0248	J	Y

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B302989	11/6/92	PLUTONIUM-239/240	0 0058	0 00566	PCI/L	0 0039	A	
5586	7/25/94	PLUTONIUM-239/240	0 00587	0 00878	PCI/L	0 0144	J	V
1490	11/7/94	PLUTONIUM-239/240	0 006	0 008	PCI/L	0 008	U	Y
B102289	12/12/91	PLUTONIUM-239/240	0 006	0 008	PCI/L	0	A	
B202489	6/21/95	PLUTONIUM-239/240	0 006	0 008	PCI/L	0 013	U	Y
B400489	6/9/92	PLUTONIUM-239/240	0 006	0 006	PCI/L	0 005	J	V
B201189	8/17/90	PLUTONIUM-239/240	0 0061	0 0041	PCI/L	0		
5586	12/8/92	PLUTONIUM-239/240	0 0065	0 00327	PCI/L	0 00989	U	JA
1490	9/14/95	PLUTONIUM-239/240	0 00676	0 0102	PCI/L	0 0188	J	Y
0390	11/7/94	PLUTONIUM-239/240	0 007	0 018	PCI/L	0 034	U	Y
4786	6/13/94	PLUTONIUM-239/240	0 007	0 004	PCI/L	0 002	J	V
B302889	1/30/90	PLUTONIUM-239/240	0 007	0 005	PCI/L	0	A	
B302889	8/10/90	PLUTONIUM-239/240	0 007	0 0063	PCI/L	0		
1490	8/12/93	PLUTONIUM-239/240	0 008	0 012	PCI/L	0 012	U	V
B200589	3/14/95	PLUTONIUM-239/240	0 008	0 007	PCI/L	0 004	J	V
B205589	3/9/93	PLUTONIUM-239/240	0 008	0 0052	PCI/L	0 00227	A	
B302989	3/21/93	PLUTONIUM-239/240	0 0081	0 0071	PCI/L	0 007	A	
B400289	12/15/92	PLUTONIUM-239/240	0 0081	0 00391	PCI/L	0 0032	JA	
B201189	3/8/93	PLUTONIUM-239/240	0 0085	0 00464	PCI/L	0 00177	A	
B400489	7/22/94	PLUTONIUM-239/240	0 00889	0 0103	PCI/L	0 00802	V	
B201189	2/13/90	PLUTONIUM-239/240	0 009	0 006	PCI/L	0	JA	
B202589	2/7/90	PLUTONIUM-239/240	0 009	0 006	PCI/L	0	A	
B302789	10/22/92	PLUTONIUM-239/240	0 009	0 013	PCI/L	0	J	A
5586	11/2/90	PLUTONIUM-239/240	0 01	0 0275	PCI/L		A	
B102289	2/8/90	PLUTONIUM-239/240	0 01	0 005	PCI/L	0	A	
B205589	8/17/90	PLUTONIUM-239/240	0 01	0 0066	PCI/L	0		
B400489	8/15/90	PLUTONIUM-239/240	0 0112	0 006	PCI/L	0		
B205589	2/15/90	PLUTONIUM-239/240	0 012	0 008	PCI/L	0 008	JA	
B302989	2/1/90	PLUTONIUM-239/240	0 012	0 008	PCI/L	0 005	A	
0290	2/3/94	PLUTONIUM-239/240	0 013	0 028	PCI/L	0 051	U	V
B401989	3/17/93	PLUTONIUM-239/240	0 0137	0 0065	PCI/L	0 01	A	
B202589	6/21/95	PLUTONIUM-239/240	0 0149	0 01367	PCI/L	0 020037	Y	
4786	12/2/93	PLUTONIUM-239/240	0 0168	0 00676	PCI/L	0 00476	Y	
B200689	3/16/93	PLUTONIUM-239/240	0 017	0 0097	PCI/L	0 007	A	
0290	2/28/90	PLUTONIUM-239/240	0 0219	0 01725	PCI/L	0 018		
0290	4/27/93	PLUTONIUM-239/240	0 026	0 028	PCI/L	0 024	V	
B400389	11/25/91	PLUTONIUM-239/240	0 03009	0 0121	PCI/L	0	A	
B400389	11/12/92	PLUTONIUM-239/240	0 033	0 014	PCI/L	0 01583	U	A
B205589	7/30/92	PLUTONIUM-239/240	0 035	0 02	PCI/L	0 013	B	A
B201189	7/30/92	PLUTONIUM-239/240	0 042	0 012	PCI/L	0 002	B	A
10294	8/25/94	PLUTONIUM-239/240	0 1293	0 03918	PCI/L	0 00815	Y	Y
B102289	8/30/90	PLUTONIUM-239/240	0 158	0 035	PCI/L	0		
1490	3/21/93	PLUTONIUM-239/240	0 1819	0 04	PCI/L	0 011	A	
B302989	12/5/90	PLUTONIUM-239/240	0 2237	0 0381	PCI/L	0 01		
B200589	6/7/90	URANIUM-233,-234	0	0 13234	PCI/L	0 32	A	
B400489	6/8/90	URANIUM-233 -234	0 1077	0 21227	PCI/L	0 5	A	
B405789	5/30/90	URANIUM-233 -234	0 13	0 17	PCI/L	0 13	A	
B200689	6/8/90	URANIUM-233,-234	0 1808	0 18056	PCI/L	0 42	A	
0290	3/1/90	URANIUM-233 -234	0 1923	0 1904	PCI/L	0 131		
B400489	7/22/94	URANIUM-233,-234	0 2403	0 187	PCI/L	0 205	V	
B200889	6/6/90	URANIUM-233 -234	0 3533	0 23677	PCI/L	0 27	A	
5586	7/25/94	URANIUM-233 -234	0 3734	0 184	PCI/L	0 141	V	

Table 2 - Unfiltered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B400489	8/15/90	URANIUM-233,-234	0 455	0 255	PCI/L	0		
B400489	2/26/90	URANIUM-233 -234	0 488	0 3267	PCI/L	0 141		
0290	3/1/90	URANIUM-233,-234	0 5125	0 3426	PCI/L	0 11		
B200789	6/7/90	URANIUM-233,-234	0 6077	0 40827	PCI/L	0 32	A	
B102289	8/30/90	URANIUM-233 -234	0 685	0 264	PCI/L	0		
B400389	6/11/90	URANIUM-233,-234	0 8716	0 54292	PCI/L	0 31	A	
0390	3/22/90	URANIUM-233,-234	1 033	0 4812	PCI/L	0 145		
0290	2/27/90	URANIUM-233,-234	1 041	0 4332	PCI/L	0 159		
B400389	3/20/90	URANIUM-233,-234	1 044	0 43492	PCI/L	0 243		
B202589	6/1/90	URANIUM-233,-234	1 1	0 46	PCI/L	0	A	
11494	2/6/95	URANIUM-233,-234	1 15747	0 42883	PCI/L	0 19693	Y	
B405689	2/26/90	URANIUM-233,-234	1 352	0 5094	PCI/L	0 076		
4786	7/27/94	URANIUM-233,-234	1 41	0 431	PCI/L	0 294	V	
B302889	5/24/90	URANIUM-233,-234	1 54	0 61	PCI/L	0	A	
11294	2/6/95	URANIUM-233,-234	1 8619	0 55699	PCI/L	0 19987	Y	
4786	7/27/94	URANIUM-233,-234	2 404	0 661	PCI/L	0 268	V	
0390	3/1/90	URANIUM-233,-234	2 43	0 6686	PCI/L	0 137		
B302989	5/23/90	URANIUM-233,-234	2 47	0 75	PCI/L	0 068	A	
B302889	8/10/90	URANIUM-233,-234	2 65	0 72	PCI/L	0		
0390	8/12/93	URANIUM-233,-234	3 4	0 89	PCI/L	0 064	B	A
B302989	2/1/90	URANIUM-233,-234	3 6	0 93	PCI/L	0 13	A	
1490	8/12/93	URANIUM-233,-234	6 3	1 3	PCI/L	0 061	B	A
B201089	6/6/90	URANIUM-233,-234	12 49	2 57152	PCI/L	0 39	A	
B201189	8/17/90	URANIUM-233,-234	13 4	1 8	PCI/L	0		
B201189	6/5/90	URANIUM-233,-234	13 96	2	PCI/L	0 06	A	
0290	2/28/90	URANIUM-233,-234	30 2	4 716	PCI/L	0 175		
10294	2/14/95	URANIUM-233,-234	31 0112	2 85688	PCI/L	0 25978	Y	
10294	6/6/95	URANIUM-233,-234	57 9917	4 30884	PCI/L	0 32258	Y	
10294	8/25/94	URANIUM-233,-234	78 7038	6 16568	PCI/L	0 33077	Y	
B205589	6/5/90	URANIUM-233,-234	129 67	13 29	PCI/L	0 12	A	
B205589	8/17/90	URANIUM-233 -234	164	22	PCI/L	0		
B302889	5/24/90	URANIUM-235	-0 01	0 01	PCI/L	0 092	A	
0290	3/1/90	URANIUM-235	0	0 1141	PCI/L	0 112		
0390	3/1/90	URANIUM-235	0	0 103	PCI/L	0 052		
0390	3/22/90	URANIUM-235	0	0 1115	PCI/L	0 264		
B200589	6/7/90	URANIUM-235	0	0 16021	PCI/L	0 38	A	
B200689	6/8/90	URANIUM-235	0	0 21442	PCI/L	0 51	A	
B200789	6/7/90	URANIUM-235	0	0 16023	PCI/L	0 38	A	
B400389	3/20/90	URANIUM-235	0	0 12389	PCI/L	0 295		
B400389	6/11/90	URANIUM-235	0	0 15909	PCI/L	0 38	A	
B400489	6/8/90	URANIUM-235	0	0 25558	PCI/L	0 61	A	
5586	7/25/94	URANIUM-235	0 0041	0 0442	PCI/L	0 141	J	V
B400489	7/22/94	URANIUM-235	0 03247	0 0964	PCI/L	0 239	J	V
B202589	6/1/90	URANIUM-235	0 04	0 09	PCI/L	0 074	A	
B302989	2/1/90	URANIUM-235	0 04	0 1	PCI/L	0 07	A	
B405789	5/30/90	URANIUM-235	0 04	0 1	PCI/L	0 07	A	
B405689	2/26/90	URANIUM-235	0 05848	0 1149	PCI/L	0 075		
0290	2/27/90	URANIUM-235	0 063	0 1238	PCI/L	0 06		
0290	3/1/90	URANIUM-235	0 0689	0 1355	PCI/L	0 094		
B200889	6/6/90	URANIUM-235	0 0713	0 14012	PCI/L	0 33	A	
B302989	5/23/90	URANIUM-235	0 08	0 12	PCI/L	0 068	A	
4786	7/27/94	URANIUM-235	0 1228	0 121	PCI/L	0 151	J	V

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B400489	2/26/90	URANIUM-235	0 1313	0 1301	PCI/L	0 091		
4786	7/27/94	URANIUM-235	0 1894	0 182	PCI/L	0 25	J	V
11494	2/6/95	URANIUM-235	0 19715	0 18557	PCI/L	0 16954	Y	
B302889	8/10/90	URANIUM-235	0 227	0 216	PCI/L	0		
11294	2/6/95	URANIUM-235	0 2378	0 21468	PCI/L	0 19409	Y	
B102289	8/30/90	URANIUM-235	0 309	0 19	PCI/L	0		
B201189	6/5/90	URANIUM-235	0 37	0 25	PCI/L	0 06	A	
B201089	6/6/90	URANIUM-235	0 4007	0 39631	PCI/L	0 47	A	
0390	8/12/93	URANIUM-235	0 41	0 28	PCI/L	0 064	BJ	A
1490	8/12/93	URANIUM-235	0 52	0 31	PCI/L	0 036	BJ	A
B400489	8/15/90	URANIUM-235	0 667	0 306	PCI/L	0		
B201189	8/17/90	URANIUM-235	0 668	0 276	PCI/L	0		
0290	2/28/90	URANIUM-235	0 6856	0 3487	PCI/L	0 096		
10294	2/14/95	URANIUM-235	2 4719	0 69244	PCI/L	0 20514	Y	
10294	6/6/95	URANIUM-235	2 5009	0 68826	PCI/L	0 29587	Y	
B205589	6/5/90	URANIUM-235	3 42	0 87	PCI/L	0 07	A	
B205589	8/17/90	URANIUM-235	6 29	1 71	PCI/L	0		
10294	8/25/94	URANIUM-235	6 477	1 39903	PCI/L	0 20175	Y	
B200589	6/7/90	URANIUM-238	0	0 13234	PCI/L	0 32	A	
B200689	6/8/90	URANIUM-238	0	0 17718	PCI/L	0 42	A	
B400489	2/26/90	URANIUM-238	0	0 1063	PCI/L	0 092		
B200889	6/6/90	URANIUM-238	0 0589	0 11574	PCI/L	0 27	A	
B400489	6/8/90	URANIUM-238	0 1077	0 21227	PCI/L	0 5	A	
B400489	7/22/94	URANIUM-238	0 1364	0 148	PCI/L	0 223	J	V
0290	3/1/90	URANIUM-238	0 1442	0 1895	PCI/L	0 144		
B405789	5/30/90	URANIUM-238	0 25	0 22	PCI/L	0	A	
B400489	8/15/90	URANIUM-238	0 334	0 222	PCI/L	0		
B400389	6/11/90	URANIUM-238	0 3352	0 26793	PCI/L	0 31	A	
0290	2/27/90	URANIUM-238	0 3642	0 3101	PCI/L	0 101		
B400389	3/20/90	URANIUM-238	0 3655	0 31125	PCI/L	0 243		
B102289	8/30/90	URANIUM-238	0 376	0 197	PCI/L	0		
0290	3/1/90	URANIUM-238	0 3986	0 3397	PCI/L	0 095		
5586	7/25/94	URANIUM-238	0 4843	0 208	PCI/L	0 116	V	
0390	3/22/90	URANIUM-238	0 5167	0 285	PCI/L	0 046		
11494	2/6/95	URANIUM-238	0 64233	0 32063	PCI/L	0 18165	Y	
B102289	2/8/90	URANIUM-238	0 67	0 46	PCI/L	0 11	A	
B202589	6/1/90	URANIUM-238	0 73	0 37	PCI/L	0	A	
B405689	2/26/90	URANIUM-238	0 9177	0 3996	PCI/L	0 044		
11294	2/6/95	URANIUM-238	1 06687	0 41971	PCI/L	0 18115	Y	
B302889	5/24/90	URANIUM-238	1 25	0 55	PCI/L	0	A	
B200789	6/7/90	URANIUM-238	1 418	0 69815	PCI/L	0 32	A	
B302889	1/30/90	URANIUM-238	1 42	0 85	PCI/L	0	A	
4786	7/27/94	URANIUM-238	1 458	0 432	PCI/L	0 219	V	
4786	7/27/94	URANIUM-238	1 901	0 576	PCI/L	0 25	V	
0390	3/1/90	URANIUM-238	1 953	0 6435	PCI/L	0 086		
B302889	8/10/90	URANIUM-238	2 08	0 63	PCI/L	0		
B302989	5/23/90	URANIUM-238	2 45	0 74	PCI/L	0	A	
0390	8/12/93	URANIUM-238	2 8	0 79	PCI/L	0 038	B	A
B302989	2/1/90	URANIUM-238	3 01	0 84	PCI/L	0 14	A	
B201089	6/6/90	URANIUM-238	6 951	1 73342	PCI/L	0 39	A	
1490	8/12/93	URANIUM-238	7 1	1 4	PCI/L	0 061	B	A
B201189	8/17/90	URANIUM-238	8 22	1 26	PCI/L	0		

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B201189	6/5/90	URANIUM-238	8.63	1.44	PCI/L	0.06	A	
10294	2/14/95	URANIUM-238	25.0161	2.49154	PCI/L	0.24246	Y	
0290	2/28/90	URANIUM-238	26.38	4.222	PCI/L	0.091		
10294	6/6/95	URANIUM-238	50.5495	3.90424	PCI/L	0.3097	Y	
10294	8/25/94	URANIUM-238	69.5467	5.6571	PCI/L	0.33077	Y	
B205589	6/5/90	URANIUM-238	92.93	9.78	PCI/L	0	A	
B205589	8/17/90	URANIUM-238	108	15	PCI/L	0		

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B401989	3/2/90	AMERICIUM-241	-0 007	0 009	PCI/L	0 018		
10294	6/6/95	AMERICIUM-241	-0 0025	0 00342	PCI/L	0 01144	Y	
0290	11/21/93	AMERICIUM-241	-0 001	0 004	PCI/L	0 01	U	Y
11294	2/6/95	AMERICIUM-241	0	0	PCI/L	0 01814	Y	Y
4786	3/21/90	AMERICIUM-241	0	0 00559	PCI/L	0 006		
B200689	2/19/90	AMERICIUM-241	0	0 005	PCI/L	0 007		
1490	11/21/93	AMERICIUM-241	0 001	0 004	PCI/L	0 007	U	Y
B405789	3/1/90	AMERICIUM-241	0 001	0 008	PCI/L	0 008		
10294	2/14/95	AMERICIUM-241	0 0019	0 01003	PCI/L	0 02081	Y	
0390	11/19/93	AMERICIUM-241	0 002	0 003	PCI/L	0 006	U	
11294	5/19/95	AMERICIUM-241	0 002	0 003	PCI/L	0 005	U	Y
11494	5/18/95	AMERICIUM-241	0 002	0 005	PCI/L	0 01	U	Y
B200789	2/20/90	AMERICIUM-241	0 002	0 007	PCI/L	0 009		
11794	9/21/94	AMERICIUM-241	0 003	0 006	PCI/L	0 009	U	Y
B202489	6/14/90	AMERICIUM-241	0 003	0 004	PCI/L	0	A	
11294	9/15/94	AMERICIUM-241	0 004	0 006	PCI/L	0 009	U	Y
11494	2/6/95	AMERICIUM-241	0 00494	0 00897	PCI/L	0 01613	Y	
11494	8/24/94	AMERICIUM-241	0 005	0 006	PCI/L	0 004	BJ	Y
11694	9/19/94	AMERICIUM-241	0 005	0 006	PCI/L	0 006	U	Y
4786	6/15/90	AMERICIUM-241	0 005	0 01	PCI/L	0 011	A	
B400289	3/2/90	AMERICIUM-241	0 005	0 009	PCI/L	0 007		
B200589	2/16/90	AMERICIUM-241	0 006	0 009	PCI/L	0 009		
B102389	2/8/90	AMERICIUM-241	0 013	0 007	PCI/L	0 004		
B200889	2/22/90	AMERICIUM-241	0 018	0 018	PCI/L	0 019		
11494	5/18/95	PLUTONIUM-239/240	-0 004	0 006	PCI/L	0 019	U	Y
11694	9/19/94	PLUTONIUM-239/240	-0 002	0 003	PCI/L	0 008	U	Y
11294	9/15/94	PLUTONIUM-239/240	-0 001	0 007	PCI/L	0 014	U	Y
11294	5/19/95	PLUTONIUM-239/240	-0 001	0 003	PCI/L	0 007	U	Y
B200789	2/20/90	PLUTONIUM-239/240	-0 001	0 002	PCI/L	0 004		
0290	11/21/93	PLUTONIUM-239/240	0	0	PCI/L	0 008	U	Y
11294	2/6/95	PLUTONIUM-239/240	0	0 00512	PCI/L	0 01214	Y	
11794	9/21/94	PLUTONIUM-239/240	0	0	PCI/L	0 005	U	Y
1490	11/21/93	PLUTONIUM-239/240	0	0	PCI/L	0 009	U	Y
11494	2/6/95	PLUTONIUM-239/240	0 00085	0 00166	PCI/L	0 00229	Y	
10294	2/14/95	PLUTONIUM-239/240	0 001	0 00541	PCI/L	0 01123	Y	
11494	8/24/94	PLUTONIUM-239/240	0 001	0 002	PCI/L	0 002	U	Y
B200889	2/22/90	PLUTONIUM-239/240	0 001	0 004	PCI/L	0 005		
B400289	3/2/90	PLUTONIUM-239/240	0 001	0 003	PCI/L	0 003		
B401989	3/2/90	PLUTONIUM-239/240	0 001	0 003	PCI/L	0 003		
B405789	3/1/90	PLUTONIUM-239/240	0 001	0 004	PCI/L	0 006		
4786	3/21/90	PLUTONIUM-239/240	0 0016	0 00471	PCI/L	0 008		
0290	8/13/93	PLUTONIUM-239/240	0 0019	0 0028	PCI/L	0 00471	U	A
10294	6/6/95	PLUTONIUM-239/240	0 0023	0 00453	PCI/L	0 0085	Y	
11294	11/30/94	PLUTONIUM-239/240	0 00291	0 00426	PCI/L	0 00714	Y	
B200689	2/19/90	PLUTONIUM-239/240	0 003	0 006	PCI/L	0 006		
11494	11/30/94	PLUTONIUM-239/240	0 00397	0 00476	PCI/L	0 0073	Y	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
0390	11/19/93	PLUTONIUM-239/240	0 004	0 004	PCI/L	0 006	U	
B200589	2/16/90	PLUTONIUM-239/240	0 004	0 005	PCI/L	0 004		
0390	3/22/90	PLUTONIUM-239/240	0 005	0 006	PCI/L	0		
B202489	2/9/90	PLUTONIUM-239/240	0 005	0 004	PCI/L	0 004		
B302789	1/23/90	PLUTONIUM-239/240	0 013	0 009	PCI/L	0 015		
B102389	2/8/90	PLUTONIUM-239/240	0 014	0 006	PCI/L	0		
B200589	3/14/95	URANIUM-233,-234	-0 078	0 16	PCI/L	0 6	U	V
B405789	11/10/92	URANIUM-233,-234	-0 0203	0 0205	PCI/L	0 187	J	A
B102389	12/14/91	URANIUM-233,-234	-0 0143	0 0287	PCI/L	0 149	J	A
B200589	9/19/91	URANIUM-233,-234	-0 0111	0 0222	PCI/L	0 116	J	A
5586	12/18/91	URANIUM-233,-234	-0 009	0 011	PCI/L	0 09	A	
5586	9/16/91	URANIUM-233,-234	-0 00734	0 0104	PCI/L	0 096	J	A
B200589	4/4/91	URANIUM-233,-234	0	0 141	PCI/L	0	J	V
B400289	3/2/90	URANIUM-233,-234	0	0 2	PCI/L	0 3		
B400289	12/15/92	URANIUM-233,-234	0	0 143	PCI/L	0 19007	U	A
B400489	3/20/95	URANIUM-233,-234	0	0 31	PCI/L	0 36	U	V
B401989	3/17/93	URANIUM-233,-234	0	0 5227	PCI/L	0 12	A	
B400489	3/23/93	URANIUM-233,-234	0 0068	0 0666	PCI/L	0 13	A	
B200689	3/16/93	URANIUM-233,-234	0 012	0 026	PCI/L	0 035	A	
B200589	11/5/92	URANIUM-233,-234	0 0188	0 0761	PCI/L	0 15115	U	A
B400289	5/23/91	URANIUM-233,-234	0 02099	0 111	PCI/L	0 189	J	V
5586	3/19/93	URANIUM-233,-234	0 0279	0 0365	PCI/L	0 07	A	
B200589	9/23/92	URANIUM-233,-234	0 03718	0 0989	PCI/L	0 102	J	A
B200689	11/18/91	URANIUM-233,-234	0 03854	0 0984	PCI/L	0 1	J	A
5586	8/18/92	URANIUM-233,-234	0 042	0 17	PCI/L	0 4	U	A
B400289	3/28/91	URANIUM-233,-234	0 04407	0 0883	PCI/L	0	J	V
5586	3/28/91	URANIUM-233,-234	0 04441	0 089	PCI/L	0	J	V
0290	3/21/93	URANIUM-233,-234	0 046	0 041	PCI/L	0 027	A	
B200789	4/4/91	URANIUM-233,-234	0 05572	0 112	PCI/L	0	J	V
B102289	3/24/93	URANIUM-233,-234	0 056	0 03229	PCI/L	0 01994	A	
B400489	4/3/91	URANIUM-233,-234	0 06765	0 141	PCI/L	0 174	J	A
0290	8/13/93	URANIUM-233,-234	0 073	0 12355	PCI/L	0 16714	U	V
B400289	11/29/90	URANIUM-233,-234	0 08008	0 145	PCI/L	0 148	J	V
B200789	6/2/92	URANIUM-233,-234	0 08801	0 15	PCI/L	0 154	J	A
B102389	4/4/91	URANIUM-233,-234	0 0916	0 13	PCI/L	0	J	V
B200689	8/23/90	URANIUM-233,-234	0 09247	0 0682	PCI/L	0 081	J	A
B200789	12/7/91	URANIUM-233,-234	0 09437	0 14	PCI/L	0	J	A
0290	2/7/95	URANIUM-233,-234	0 095	0 16	PCI/L	0 27	U	V
B400289	2/13/92	URANIUM-233,-234	0 09723	0 165	PCI/L	0 171	J	A
B400289	9/14/90	URANIUM-233,-234	0 1004	0 16	PCI/L	0 116	J	V
B102389	3/24/93	URANIUM-233,-234	0 1014	0 13074	PCI/L	0 14492	U	A
5586	5/23/91	URANIUM-233,-234	0 1023	0 064	PCI/L	0	J	A
B200789	8/20/90	URANIUM-233,-234	0 1163	0 0734	PCI/L	0 6	J	V
B400489	10/5/90	URANIUM-233,-234	0 118	0 174	PCI/L	0 181	J	V
B102389	2/13/92	URANIUM-233,-234	0 1229	0 167	PCI/L	0 139	J	A
B400489	9/16/91	URANIUM-233,-234	0 1252	0 15	PCI/L	0	J	A

Table 3 - Filtered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B200689	8/10/92	URANIUM-233,-234	0 13	0 13	PCI/L	0 2	U	A
B200789	9/13/91	URANIUM-233,-234	0 1322	0 153	PCI/L	0	J	A
B200889	12/7/91	URANIUM-233,-234	0 1322	0 225	PCI/L	0 232	J	A
5586	3/13/92	URANIUM-233,-234	0 1335	0 164	PCI/L	0 098	J	A
B200889	10/11/90	URANIUM-233,-234	0 1353	0 192	PCI/L	0 6	J	
B200789	3/18/93	URANIUM-233,-234	0 1362	0 0812	PCI/L	0 09	A	
B405789	11/16/90	URANIUM-233,-234	0 1369	0 0846	PCI/L	0 6	J	
B200889	11/12/92	URANIUM-233,-234	0 139	0 14926	PCI/L	0 14369	U	A
0290	9/11/95	URANIUM-233,-234	0 141	0 17	PCI/L	0 27	J	Y
B302789	3/9/93	URANIUM-233,-234	0 141	0 4913	PCI/L	0 16049	A	
B400489	2/10/92	URANIUM-233,-234	0 1435	0 171	PCI/L	0	J	A
B405789	2/10/92	URANIUM-233,-234	0 1437	0 213	PCI/L	0	J	A
B400489	9/15/92	URANIUM-233,-234	0 1447	0 201	PCI/L	0 169	J	A
1490	2/7/95	URANIUM-233,-234	0 15	0 19	PCI/L	0 29	U	V
B405789	8/16/90	URANIUM-233,-234	0 1547	0 125	PCI/L	0 6	J	
B202489	6/21/95	URANIUM-233,-234	0 16	0 26	PCI/L	0 46	U	Y
4786	3/21/90	URANIUM-233,-234	0 1669	0 21952	PCI/L	0 259		
4786	4/8/91	URANIUM-233,-234	0 1696	0 241	PCI/L	0	J	V
B200689	4/5/91	URANIUM-233,-234	0 1741	0 248	PCI/L	0	J	V
4786	10/15/92	URANIUM-233,-234	0 1832	0 41824	PCI/L	0 25398	U	A
B200589	3/24/93	URANIUM-233,-234	0 1861	0 2	PCI/L	0 217	J	A
4786	5/14/92	URANIUM-233,-234	0 1899	0 204	PCI/L	0 105	J	A
5586	9/5/90	URANIUM-233,-234	0 1928	0 224	PCI/L	0	J	V
B405789	11/26/91	URANIUM-233,-234	0 1967	0 235	PCI/L	0	J	A
B102289	12/12/91	URANIUM-233,-234	0 197	0 245	PCI/L	0 147	A	
B405789	3/1/90	URANIUM-233,-234	0 2	0 2	PCI/L	0 3		
B200589	12/7/91	URANIUM-233,-234	0 2024	0 204	PCI/L	0	J	A
11494	5/18/95	URANIUM-233,-234	0 21	0 25	PCI/L	0 36	U	Y
1490	3/21/93	URANIUM-233,-234	0 21	0 09	PCI/L	0 032	A	
B102289	2/8/90	URANIUM-233,-234	0 21	0 27	PCI/L	0 16		
B200589	6/26/92	URANIUM-233,-234	0 2131	0 21	PCI/L	0 136	J	V
B200889	5/28/91	URANIUM-233,-234	0 2171	0 213	PCI/L	0 139	J	A
4786	1/27/93	URANIUM-233,-234	0 22	0 22092	PCI/L	0 21483	A	
B200589	1/28/92	URANIUM-233,-234	0 2229	0 205	PCI/L	0	J	A
B200889	3/22/91	URANIUM-233,-234	0 223	0 21	PCI/L	0 097	J	A
5586	6/11/92	URANIUM-233,-234	0 2235	0 228	PCI/L	0 182	J	V
B200889	9/13/91	URANIUM-233,-234	0 2275	0 202	PCI/L	0 12	J	A
4786	7/18/91	URANIUM-233,-234	0 2279	0 209	PCI/L	0	J	V
B102389	2/8/90	URANIUM-233,-234	0 24	0 29	PCI/L	0 11		
B102289	2/28/92	URANIUM-233,-234	0 2403	0 221	PCI/L	0	J	A
4786	11/11/91	URANIUM-233,-234	0 249	0 25	PCI/L	0 232	J	V
4786	6/13/94	URANIUM-233,-234	0 25	0 11	PCI/L	0 1	J	V
4786	11/15/90	URANIUM-233,-234	0 2547	0 23	PCI/L	0 6	J	A
B200689	2/20/92	URANIUM-233,-234	0 2587	0 242	PCI/L	0 111	J	A
0390	2/3/95	URANIUM-233,-234	0 26	0 24	PCI/L	0 32	U	V
1490	9/14/95	URANIUM-233,-234	0 2612	0 217	PCI/L	0 118	Y	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
4786	6/13/94	URANIUM-233,-234	0 27	0 11	PCI/L	0 029	BJ	V
5586	12/8/92	URANIUM-233,-234	0 28	0 2314	PCI/L	0 16658	A	
B200889	3/24/93	URANIUM-233,-234	0 2845	0 235	PCI/L	0 128	A	
B102289	5/23/91	URANIUM-233,-234	0 2871	0 237	PCI/L	0	J	V
4786	11/9/94	URANIUM-233,-234	0 29	0 3	PCI/L	0 49	U	Y
4786	5/18/95	URANIUM-233,-234	0 29	0 091	PCI/L	0 062	J	Y
B200889	8/17/92	URANIUM-233,-234	0 29	0 16	PCI/L	0 2	J	A
B200889	8/16/90	URANIUM-233,-234	0 2922	0 132	PCI/L	0 6	J	
B200689	10/8/90	URANIUM-233,-234	0 2945	0 24	PCI/L	0 132	J	V
B200589	2/16/90	URANIUM-233,-234	0 3	0 2	PCI/L	0 2		
B200689	2/19/90	URANIUM-233,-234	0 3	0 2	PCI/L	0 2		
B200689	9/17/91	URANIUM-233,-234	0 3063	0 283	PCI/L	0 205	J	A
B405789	5/28/91	URANIUM-233,-234	0 3073	0 244	PCI/L	0 095	J	A
1490	8/24/94	URANIUM-233,-234	0 31	0 25	PCI/L	0 24	J	Y
4786	2/10/95	URANIUM-233,-234	0 31	0 24	PCI/L	0 25	J	V
B200789	10/26/92	URANIUM-233,-234	0 31	0 21299	PCI/L	0 14557	A	
B202489	6/21/95	URANIUM-233,-234	0 31	0 27	PCI/L	0 28	J	Y
B200889	2/3/92	URANIUM-233,-234	0 3108	0 306	PCI/L	0 199	J	A
4786	5/18/95	URANIUM-233,-234	0 32	0 1	PCI/L	0 068	J	Y
B200889	2/22/90	URANIUM-233,-234	0 32	0 18	PCI/L	0 09		
B102289	9/17/91	URANIUM-233,-234	0 3248	0 328	PCI/L	0	J	V
B200689	5/29/92	URANIUM-233,-234	0 33	0 25	PCI/L	0 04	BJ	V
B405789	3/5/93	URANIUM-233,-234	0 33	0 25177	PCI/L	0 20024	A	
B102389	12/4/95	URANIUM-233,-234	0 3328	0 263	PCI/L	0 222	Y	
4786	6/18/91	URANIUM-233,-234	0 334	0 259	PCI/L	0 6	J	
B200589	10/22/90	URANIUM-233,-234	0 3379	0 249	PCI/L	0 09	J	V
B200789	3/3/92	URANIUM-233,-234	0 3408	0 255	PCI/L	0 131	J	A
B400389	9/18/91	URANIUM-233,-234	0 3428	0 259	PCI/L	0 133	J	V
0290	4/27/93	URANIUM-233,-234	0 35	0 27	PCI/L	0 042	BJ	A
4786	1/24/94	URANIUM-233,-234	0 35	0 1	PCI/L	0 082	V	
B102389	5/26/92	URANIUM-233,-234	0 35	0 24	PCI/L	0 088	BJ	A
B102389	8/11/92	URANIUM-233,-234	0 35	0 35	PCI/L	0 4	U	A
B200789	8/18/92	URANIUM-233,-234	0 35	0 27	PCI/L	0 4	U	Z
4786	11/9/94	URANIUM-233,-234	0 36	0 28	PCI/L	0 22	J	Y
B202589	6/21/95	URANIUM-233,-234	0 3625	0 19798	PCI/L	0 19613	Y	
B400289	12/17/91	URANIUM-233,-234	0 363	0 289	PCI/L	0 111	A	
B200889	3/15/95	URANIUM-233,-234	0 3637	0 15176	PCI/L	0 10635	Y	
B200889	6/4/92	URANIUM-233,-234	0 3655	0 273	PCI/L	0 14	J	A
B400389	4/3/91	URANIUM-233,-234	0 3744	0 269	PCI/L	0	J	A
B400489	11/26/91	URANIUM-233,-234	0 3864	0 32	PCI/L	0	J	A
0290	5/19/95	URANIUM-233,-234	0 39	0 13	PCI/L	0 12	J	Y
0290	8/22/94	URANIUM-233,-234	0 394	0 404	PCI/L	0 402	Y	V
1490	11/7/94	URANIUM-233,-234	0 4	0 33	PCI/L	0 41	U	Y
4786	8/19/93	URANIUM-233,-234	0 41	0 26	PCI/L	0 034	J	V
B202589	6/21/95	URANIUM-233,-234	0 4161	0 16903	PCI/L	0 12317	Y	
B102389	7/27/90	URANIUM-233,-234	0 4165	0 282	PCI/L	0 6	J	V

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B202589	3/26/92	URANIUM-233,-234	0 4172	0 29	PCI/L	0 099	J	V
4786	9/21/90	URANIUM-233,-234	0 4173	0 281	PCI/L	0 6	J	A
B405689	8/18/92	URANIUM-233,-234	0 42	0 34	PCI/L	0 4	J	A
B202589	5/29/92	URANIUM-233,-234	0 43	0 4	PCI/L	0 12	BJ	V
B400389	2/7/92	URANIUM-233,-234	0 4309	0 303	PCI/L	0 146	J	A
B202489	10/19/92	URANIUM-233,-234	0 44	0 41121	PCI/L	0 23291	A	
4786	8/4/95	URANIUM-233,-234	0 4436	0 223	PCI/L	0 181	Y	
B202489	11/12/90	URANIUM-233,-234	0 4461	0 137	PCI/L	0 6	J	A
B102289	5/26/92	URANIUM-233,-234	0 45	0 34	PCI/L	0 13	BJ	A
4786	2/11/92	URANIUM-233,-234	0 4511	0 279	PCI/L	0	J	A
B405689	11/25/91	URANIUM-233,-234	0 473	0 308	PCI/L	0	A	
0390	5/9/95	URANIUM-233,-234	0 4793	0 18234	PCI/L	0 13507	Y	
0290	11/9/94	URANIUM-233,-234	0 48	0 35	PCI/L	0 43	BJ	Y
B400289	3/10/93	URANIUM-233,-234	0 48	0 31943	PCI/L	0 22232	A	
B102389	10/24/90	URANIUM-233,-234	0 4806	0 329	PCI/L	0	J	V
B102289	3/14/95	URANIUM-233,-234	0 4923	0 18457	PCI/L	0 13251	Y	
B200789	10/8/90	URANIUM-233,-234	0 4939	0 316	PCI/L	0 137	J	V
B405689	2/13/92	URANIUM-233,-234	0 4991	0 333	PCI/L	0 153	J	A
0390	11/19/93	URANIUM-233,-234	0 52	0 27686	PCI/L	0 15333		
B405689	5/29/91	URANIUM-233,-234	0 527	0 341	PCI/L	0 223	J	A
B400389	3/8/93	URANIUM-233,-234	0 53	0 30508	PCI/L	0 18827	A	
B202489	4/8/91	URANIUM-233,-234	0 537	0 329	PCI/L	0 137	J	V
B405689	11/9/92	URANIUM-233,-234	0 541	0 349	PCI/L	0	J	A
B102289	10/27/92	URANIUM-233,-234	0 55	0 27792	PCI/L	0 13375	A	
11494	11/30/94	URANIUM-233,-234	0 55008	0 3321	PCI/L	0 22129	Y	
B400389	11/25/91	URANIUM-233,-234	0 5537	0 36	PCI/L	0	J	A
B405689	6/29/92	URANIUM-233,-234	0 5577	0 371	PCI/L	0 228	J	V
B405689	3/9/93	URANIUM-233,-234	0 57	0 30228	PCI/L	0 16828	A	
B102289	3/28/91	URANIUM-233,-234	0 6096	0 347	PCI/L	0	A	
11494	8/24/94	URANIUM-233,-234	0 62	0 4	PCI/L	0 3	Y	
1490	11/21/93	URANIUM-233,-234	0 62	0 32	PCI/L	0 16	B	Y
B405689	7/19/90	URANIUM-233,-234	0 6389	0 196	PCI/L	0 6	V	
B202489	3/22/93	URANIUM-233,-234	0 6566	0 1679	PCI/L	0 14	A	
11294	5/19/95	URANIUM-233,-234	0 66	0 39	PCI/L	0 52	Y	
B200689	11/10/92	URANIUM-233,-234	0 68	0 35091	PCI/L	0 18846	A	
4786	2/10/95	URANIUM-233,-234	0 7	0 36	PCI/L	0 17	V	
B400389	9/23/92	URANIUM-233,-234	0 7	0 53282	PCI/L	0 2728	A	
0290	11/21/93	URANIUM-233,-234	0 72	0 36	PCI/L	0 11	B	Y
0390	9/6/94	URANIUM-233,-234	0 72	0 54	PCI/L	0 57	B	Y
B202489	2/27/92	URANIUM-233,-234	0 7361	0 397	PCI/L	0 104	A	
B405689	12/11/90	URANIUM-233,-234	0 7408	0 375	PCI/L	0 6	A	
B202489	12/11/91	URANIUM-233,-234	0 7632	0 442	PCI/L	0 124	A	
B405689	9/17/91	URANIUM-233,-234	0 7804	0 394	PCI/L	0 097	V	
0390	4/28/93	URANIUM-233,-234	0 79	0 33	PCI/L	0 046	B	A
B302789	3/21/95	URANIUM-233,-234	0 79	0 53	PCI/L	0 51	V	
B102289	10/24/90	URANIUM-233,-234	0 7947	0 44	PCI/L	0	V	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
1490	2/3/94	URANIUM-233,-234	0 8	0 39	PCI/L	0 19	B	JA
B400389	10/5/90	URANIUM-233,-234	0 8002	0 418	PCI/L	0 106	V	
B202589	11/15/95	URANIUM-233,-234	0 8162	0 434	PCI/L	0 334	Y	
4786	12/2/93	URANIUM-233,-234	0 81793	0 38811	PCI/L	0 19006	Y	
0390	3/21/93	URANIUM-233,-234	0 82	0 11	PCI/L	0 012	A	
B202489	7/27/92	URANIUM-233,-234	0 8292	0 449	PCI/L	0 117	A	
11694	9/19/94	URANIUM-233,-234	0 86	0 45	PCI/L	0 36	B	Y
0290	2/3/94	URANIUM-233,-234	0 88	0 44	PCI/L	0 14	B	JA
B401989	12/15/91	URANIUM-233,-234	0 8801	0 459	PCI/L	0 116	A	
B102389	10/16/92	URANIUM-233,-234	0 89	0 64163	PCI/L	0 25202	A	
B400389	11/12/92	URANIUM-233,-234	0 93	0 39467	PCI/L	0 11498	A	
0390	2/9/94	URANIUM-233,-234	0 94	0 42	PCI/L	0 18	A	
B302889	8/13/92	URANIUM-233,-234	0 94	0 32	PCI/L	0 2	A	
0390	8/31/95	URANIUM-233,-234	0 9544	0 482	PCI/L	0 268	Y	
1490	4/28/93	URANIUM-233,-234	0 96	0 39	PCI/L	0 092	B	A
11294	9/15/94	URANIUM-233,-234	1	0 56	PCI/L	0 18	B	Y
B401989	9/6/91	URANIUM-233,-234	1 03	0 65	PCI/L	0 114	A	
B401989	6/24/92	URANIUM-233,-234	1 095	0 469	PCI/L	0 162	A	
4786	1/24/94	URANIUM-233,-234	1 1	0 239	PCI/L	0 159	V	
B202589	3/25/93	URANIUM-233,-234	1 1	0 4204	PCI/L	0 18108	A	
B302789	3/21/95	URANIUM-233,-234	1 1	0 65	PCI/L	0 52	V	
B401989	8/6/92	URANIUM-233,-234	1 1	0 36	PCI/L	0 2	A	
B302789	10/22/92	URANIUM-233,-234	1 106	0 608	PCI/L	0 223	A	
B202589	3/28/91	URANIUM-233,-234	1 139	0 468	PCI/L	0	A	
B202489	2/9/90	URANIUM-233,-234	1 16	0 66	PCI/L	0 13		
B202589	12/9/91	URANIUM-233,-234	1 162	0 547	PCI/L	0 0122	A	
B202589	11/16/95	URANIUM-233,-234	1 18	0 56	PCI/L	0 305	Y	
B202489	6/14/90	URANIUM-233,-234	1 19	0 53	PCI/L	0 077	A	
0390	11/7/94	URANIUM-233,-234	1 2	0 69	PCI/L	0 24	B	Y
11794	9/21/94	URANIUM-233,-234	1 2	0 52	PCI/L	0 28	B	Y
4786	4/19/93	URANIUM-233,-234	1 2	0 61	PCI/L	0 15	B	A
B302789	6/9/92	URANIUM-233,-234	1 2	0 49	PCI/L	0 068	B	V
B401989	10/12/90	URANIUM-233,-234	1 221	0 503	PCI/L	0	V	
B202589	5/31/91	URANIUM-233,-234	1 232	0 525	PCI/L	0 148	A	
B302789	9/17/92	URANIUM-233,-234	1 233	0 644	PCI/L	0 271	A	
B401989	3/13/92	URANIUM-233,-234	1 257	0 532	PCI/L	0 106	A	
11294	11/30/94	URANIUM-233,-234	1 28569	0 51273	PCI/L	0 23692	Y	
B401989	10/21/92	URANIUM-233,-234	1 305	0 562	PCI/L	0 114	A	
B302789	11/19/90	URANIUM-233,-234	1 346	0 56	PCI/L	0 6		
B401989	7/24/90	URANIUM-233,-234	1 346	0 53	PCI/L	0 6	A	
B202489	6/3/92	URANIUM-233,-234	1 4	0 57	PCI/L	0 074	B	A
B401989	3/2/90	URANIUM-233,-234	1 5	0 7	PCI/L	0 4		
1490	5/3/94	URANIUM-233,-234	1 64414	0 5622	PCI/L	0 204	V	
B302889	12/16/91	URANIUM-233,-234	1 665	0 606	PCI/L	0 165	A	
B202589	8/13/92	URANIUM-233,-234	1 7	0 42	PCI/L	0 3	A	
B202589	9/10/91	URANIUM-233,-234	1 717	0 688	PCI/L	0 177	A	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B302789	5/22/91	URANIUM-233,-234	1 725	0 618	PCI/L	0 101	A	
0390	5/3/94	URANIUM-233,-234	1 7522	0 57795	PCI/L	0 24242	V	
B202489	9/12/90	URANIUM-233,-234	1 758	0 627	PCI/L	0	A	
0290	5/4/94	URANIUM-233,-234	1 8068	0 56195	PCI/L	0 23723	V	
0390	3/22/90	URANIUM-233,-234	1 82	0 78	PCI/L	0		
B202589	10/21/92	URANIUM-233,-234	1 881	0 664	PCI/L	0 181	A	
B302889	11/6/92	URANIUM-233,-234	1 9	0 5588	PCI/L	0 18229	A	
B202589	11/1/90	URANIUM-233,-234	1 936	0 638	PCI/L	0 6		
B202589	8/20/90	URANIUM-233,-234	2 013	0 354	PCI/L	0 6	V	
B302889	6/4/92	URANIUM-233,-234	2 1	0 86	PCI/L	0 17	B	A
B302789	12/16/91	URANIUM-233,-234	2 175	0 762	PCI/L	0 204	A	
B302789	3/16/92	URANIUM-233,-234	2 193	0 681	PCI/L	0	A	
B302889	1/30/90	URANIUM-233,-234	2 22	1 09	PCI/L	0 31		
B302789	1/23/90	URANIUM-233,-234	2 36	0 83	PCI/L	0		
B302889	5/22/91	URANIUM-233,-234	2 364	0 72	PCI/L	0 095	V	
B205589	10/20/92	URANIUM-233,-234	2 453	0 74	PCI/L	0 166	A	
B302989	3/21/93	URANIUM-233,-234	2 7	0 2	PCI/L	0 024	A	
B302889	3/22/91	URANIUM-233,-234	2 745	0 768	PCI/L	0	V	
B400489	11/11/92	URANIUM-233,-234	3 1	0 66791	PCI/L	0 14559	Y	A
B302889	3/21/95	URANIUM-233,-234	3 12091	0 47882	PCI/L	0 17073	Y	
B302889	2/22/92	URANIUM-233,-234	3 196	0 953	PCI/L	0	A	
B302889	9/3/91	URANIUM-233,-234	3 353	0 936	PCI/L	0 108	A	
B302989	8/13/92	URANIUM-233,-234	3 4	0 65	PCI/L	0 2	A	
B302989	12/5/90	URANIUM-233,-234	3 442	0 864	PCI/L	0 6		
1490	5/15/95	URANIUM-233,-234	3 75717	0 80421	PCI/L	0 31604	Y	
B302989	3/22/91	URANIUM-233,-234	3 843	0 958	PCI/L	0 132	A	
B302989	6/4/92	URANIUM-233,-234	4 1	1 4	PCI/L	0 36	B	A
4786	6/15/90	URANIUM-233,-234	4 3	1 2	PCI/L	0 069	A	
B302889	3/21/93	URANIUM-233,-234	4 4	0 24	PCI/L	0 015	A	
B302989	2/21/92	URANIUM-233,-234	4 458	1 17	PCI/L	0 119	A	
B302989	12/7/91	URANIUM-233,-234	4 674	1 14	PCI/L	0 106	A	
B302989	8/29/91	URANIUM-233,-234	5 099	1 32	PCI/L	0 223	V	
B302989	8/6/90	URANIUM-233,-234	5 829	1 59	PCI/L	0 6	V	
B201089	2/13/90	URANIUM-233,-234	7 86	1 57	PCI/L	0 07		
5386	6/5/95	URANIUM-233,-234	8 84724	0 95407	PCI/L	0 14791	Y	
B201189	4/5/91	URANIUM-233,-234	8 992	1 75	PCI/L	0 178	V	
B201289	2/25/92	URANIUM-233,-234	9 166	1 89	PCI/L	0	A	
B201289	3/23/93	URANIUM-233,-234	9 3	0 5	PCI/L	0 088	A	
B201289	9/12/91	URANIUM-233,-234	10 32	2 29	PCI/L	0 22	A	
B201189	6/5/92	URANIUM-233,-234	11 09	1 89	PCI/L	0 084	V	
B201189	3/8/93	URANIUM-233,-234	13	1 92805	PCI/L	0 15622	A	
B201189	2/13/90	URANIUM-233,-234	13 08	2 67	PCI/L	0 25		
B201289	4/9/91	URANIUM-233,-234	13 6	2 53	PCI/L	0 211	V	
B201189	10/19/90	URANIUM-233,-234	13 61	3 51	PCI/L	0 263	V	
B201289	6/15/90	URANIUM-233,-234	13 66	2 91	PCI/L	0 065	A	
B201189	6/8/95	URANIUM-233,-234	13 8192	1 27571	PCI/L	0 17817	Y	

Table 3 - Filtered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B201189	12/11/91	URANIUM-233,-234	14 29	2 46	PCI/L	0	A	
B201189	10/20/92	URANIUM-233,-234	14 46	2 66	PCI/L	0 213	A	
B201289	9/12/90	URANIUM-233,-234	14 68	2 44	PCI/L	0 135	A	
B201189	2/27/92	URANIUM-233,-234	15 22	2 75	PCI/L	0 122	A	
B302089	7/25/90	URANIUM-233,-234	19 09	2 02	PCI/L	0 6	X	
B102389	9/12/91	URANIUM-233,-234	20 26	4 21	PCI/L	0 201	A	
B302089	3/27/95	URANIUM-233,-234	22	3 6	PCI/L	0 32	V	
10294	12/12/95	URANIUM-233,-234	34 5	6 63	PCI/L	0 357	Y	
B205589	3/9/93	URANIUM-233,-234	120	17 0349	PCI/L	0 36261	A	
B205589	6/5/92	URANIUM-233,-234	127 9	16 4	PCI/L	0 093	V	
B205589	2/27/92	URANIUM-233,-234	128 8	17 4	PCI/L	0 196	A	
B205589	6/8/95	URANIUM-233,-234	136 036	8 0935	PCI/L	0 34114	Y	
B205589	9/10/91	URANIUM-233,-234	150 1	21 7	PCI/L	0 283	A	
B205589	4/5/91	URANIUM-233,-234	158 4	20 1	PCI/L	0 161	A	
B205589	2/15/90	URANIUM-233,-234	176 1	20 3	PCI/L	0		
B205589	12/11/91	URANIUM-233 -234	179 8	24	PCI/L	0 6		
B205589	10/19/90	URANIUM-233,-234	199 5	28 1	PCI/L	0 189	V	
B400489	3/20/95	URANIUM-235	-0 035	0 15	PCI/L	0 69	U	V
B200589	3/14/95	URANIUM-235	-0 033	0 11	PCI/L	0 47	U	V
1490	2/7/95	URANIUM-235	-0 031	0 069	PCI/L	0 26	U	V
B200589	12/7/91	URANIUM-235	-0 0304	0 0353	PCI/L	0 183	J	A
B200889	10/11/90	URANIUM-235	-0 0271	0 0385	PCI/L	0 6	J	
1490	8/24/94	URANIUM-235	-0 024	0 005	PCI/L	0 27	U	Y
B302789	10/22/92	URANIUM-235	-0 024	0 0245	PCI/L	0 223	J	A
B405689	6/29/92	URANIUM-235	-0 0219	0 0198	PCI/L	0 161	J	V
B400289	5/23/91	URANIUM-235	-0 021	0 0298	PCI/L	0 155	J	V
B405789	11/10/92	URANIUM-235	-0 0203	0 0205	PCI/L	0 187	J	A
5586	6/11/92	URANIUM-235	-0 0201	0 0182	PCI/L	0 148	J	V
4786	5/18/95	URANIUM-235	-0 019	0 028	PCI/L	0 076	U	Y
B302789	9/17/92	URANIUM-235	-0 018	0 0209	PCI/L	0 156	J	A
B401989	6/24/92	URANIUM-235	-0 0179	0 0255	PCI/L	0 132	J	A
B200689	4/5/91	URANIUM-235	-0 0174	0 0349	PCI/L	0 182	J	V
B200689	2/20/92	URANIUM-235	-0 0171	0 0172	PCI/L	0 158	J	A
B200889	5/28/91	URANIUM-235	-0 0151	0 0152	PCI/L	0 139	J	A
B302989	2/21/92	URANIUM-235	-0 0137	0 016	PCI/L	0 119	J	A
B200889	12/7/91	URANIUM-235	-0 0126	0 0179	PCI/L	0 164	J	A
B202589	11/15/95	URANIUM-235	-0 012	0 014	PCI/L	0 25	J	Y
B400489	2/10/92	URANIUM-235	-0 0118	0 0137	PCI/L	0 102	J	A
5586	9/16/91	URANIUM-235	-0 011	0 0128	PCI/L	0 096	J	A
B400289	12/17/91	URANIUM-235	-0 011	0 022	PCI/L	0 111	A	
B302789	3/21/95	URANIUM-235	-0 01	0 04	PCI/L	0 32	U	V
B400489	10/5/90	URANIUM-235	-0 00984	0 0197	PCI/L	0 104	J	V
B405689	5/29/91	URANIUM-235	-0 00958	0 107	PCI/L	0 244	J	A
B102289	3/28/91	URANIUM-235	-0 0094	0 0188	PCI/L	0 098	J	A
B200589	4/4/91	URANIUM-235	-0 00938	0 0188	PCI/L	0 098	J	V
B302889	12/16/91	URANIUM-235	-0 009	0 011	PCI/L	0 095	A	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B405689	11/25/91	URANIUM-235	-0 009	0 011	PCI/L	0 099	A	
B400389	11/25/91	URANIUM-235	-0 00893	0 0127	PCI/L	0 116	J	A
B200789	9/13/91	URANIUM-235	-0 00881	0 0177	PCI/L	0 092	J	A
B400289	3/28/91	URANIUM-235	-0 00881	0 0177	PCI/L	0 092	J	V
B200589	10/22/90	URANIUM-235	-0 00867	0 0174	PCI/L	0 09	J	V
B200789	6/2/92	URANIUM-235	-0 00838	0 0119	PCI/L	0 109	J	A
4786	5/14/92	URANIUM-235	-0 00808	0 0115	PCI/L	0 105	J	A
B200789	12/7/91	URANIUM-235	-0 00786	0 0112	PCI/L	0 102	J	A
B102289	2/28/92	URANIUM-235	-0 0078	0 0111	PCI/L	0 102	J	A
B202489	9/12/90	URANIUM-235	-0 0078	0 0111	PCI/L	0 102	J	A
B102289	5/23/91	URANIUM-235	-0 0077	0 0109	PCI/L	0 1	J	V
B200889	6/4/92	URANIUM-235	-0 0076	0 0108	PCI/L	0 099	J	A
5586	3/13/92	URANIUM-235	-0 00752	0 0107	PCI/L	0 098	J	A
B405689	9/17/91	URANIUM-235	-0 00742	0 0105	PCI/L	0 097	J	V
1490	9/14/95	URANIUM-235	-0 00697	0 00991	PCI/L	0 199	J	Y
B200889	11/12/92	URANIUM-235	-0 006	0 0119	PCI/L	0 13157	U	A
B302789	3/9/93	URANIUM-235	-0 006	0 1442	PCI/L	0 14695	U	A
B405789	2/10/92	URANIUM-235	-0 00599	0 012	PCI/L	0	J	A
B405789	11/26/91	URANIUM-235	-0 00539	0 0108	PCI/L	0	J	A
B400489	11/26/91	URANIUM-235	-0 00515	0 0103	PCI/L	0	J	A
B202589	11/16/95	URANIUM-235	-0 0046	0 00916	PCI/L	0 23	J	Y
B400389	2/7/92	URANIUM-235	-0 00397	0 00796	PCI/L	0	J	A
B200589	1/28/92	URANIUM-235	-0 00362	0 00726	PCI/L	0	J	A
4786	2/11/92	URANIUM-235	-0 0033	0 00662	PCI/L	0	J	A
B200689	3/16/93	URANIUM-235	-0 003	0 0042	PCI/L	0 025	JA	
0290	11/21/93	URANIUM-235	0	0	PCI/L	0 11	U	Y
1490	2/3/94	URANIUM-235	0	0 01	PCI/L	0 12	U	JA
1490	11/21/93	URANIUM-235	0	0	PCI/L	0 11	U	Y
4786	3/21/90	URANIUM-235	0	0 13203	PCI/L	0 314		
4786	1/27/93	URANIUM-235	0	0	PCI/L	0 19184	U	A
4786	9/21/90	URANIUM-235	0	0 13	PCI/L	0 6	J	A
4786	4/8/91	URANIUM-235	0	0 254	PCI/L	0	J	V
4786	7/18/91	URANIUM-235	0	0 139	PCI/L	0	J	V
4786	10/15/92	URANIUM-235	0	0 207	PCI/L	0 19245	U	A
5586	3/28/91	URANIUM-235	0	0 133	PCI/L	0	J	V
B102289	10/24/90	URANIUM-235	0	0 171	PCI/L	0	J	V
B102289	5/26/92	URANIUM-235	0	0 18	PCI/L	0 048	U	A
B102389	7/27/90	URANIUM-235	0	0 139	PCI/L	0 6	J	V
B102389	10/24/90	URANIUM-235	0	0 162	PCI/L	0	J	V
B102389	4/4/91	URANIUM-235	0	0 137	PCI/L	0	J	V
B102389	2/13/92	URANIUM-235	0	0 142	PCI/L	0	J	A
B102389	5/26/92	URANIUM-235	0	0 28	PCI/L	0 034	U	A
B102389	10/16/92	URANIUM-235	0	0 21	PCI/L	0 22049	U	A
B200589	9/19/91	URANIUM-235	0	0 166	PCI/L	0	J	A
B200689	2/19/90	URANIUM-235	0	0 13	PCI/L	0 19		
B200689	11/18/91	URANIUM-235	0	0 145	PCI/L	0	J	A

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B200689	8/10/92	URANIUM-235	0	0 051	PCI/L	0 2	U	A
B200789	2/20/90	URANIUM-235	0	0 1	PCI/L	0 1		
B200789	8/18/92	URANIUM-235	0	0 11	PCI/L	0 4	U	Z
B200889	2/22/90	URANIUM-235	0	0 07	PCI/L	0 06		
B202489	3/22/93	URANIUM-235	0	0 13	PCI/L	0 07	A	
B202489	4/8/91	URANIUM-235	0	0 139	PCI/L	0	J	V
B202489	6/21/95	URANIUM-235	0	0	PCI/L	0 15	U	Y
B202589	11/1/90	URANIUM-235	0	0 135	PCI/L	0 6	J	
B202589	3/26/92	URANIUM-235	0	0 142	PCI/L	0	J	V
B400289	3/2/90	URANIUM-235	0	0 1	PCI/L	0 2		
B400289	9/14/90	URANIUM-235	0	0 167	PCI/L	0	J	V
B400389	10/5/90	URANIUM-235	0	0 152	PCI/L	0	J	V
B400489	3/23/93	URANIUM-235	0	0 3213	PCI/L	0 07	A	
B401989	3/2/90	URANIUM-235	0	0 2	PCI/L	0 3		
B405689	11/9/92	URANIUM-235	0	0 162	PCI/L	0	J	A
B405789	3/1/90	URANIUM-235	0	0 1	PCI/L	0 2		
B405789	11/16/90	URANIUM-235	0	0 0274	PCI/L	0 6	J	
B405789	5/28/91	URANIUM-235	0	0 136	PCI/L	0	J	A
4786	6/13/94	URANIUM-235	0 001	0 02	PCI/L	0 074	U	V
4786	11/9/94	URANIUM-235	0 004	0 11	PCI/L	0 4	U	Y
0290	3/21/93	URANIUM-235	0 0044	0 018	PCI/L	0 027	JA	
B200689	8/23/90	URANIUM-235	0 005	0 0212	PCI/L	0 047	J	A
1490	3/21/93	URANIUM-235	0 0052	0 022	PCI/L	0 032	JA	
0390	3/21/93	URANIUM-235	0 0057	0 011	PCI/L	0 012	JA	
5586	5/23/91	URANIUM-235	0 00714	0 0196	PCI/L	0	J	A
B102289	3/24/93	URANIUM-235	0 0079	0 0121	PCI/L	0 01508	U	A
5586	3/19/93	URANIUM-235	0 0093	0 0316	PCI/L	0 07	A	
4786	11/11/91	URANIUM-235	0 00996	0 107	PCI/L	0 208	J	V
B401989	3/17/93	URANIUM-235	0 0111	0 0376	PCI/L	0 08	A	
B200589	11/5/92	URANIUM-235	0 0125	0 07706	PCI/L	0 1589	U	A
4786	1/24/94	URANIUM-235	0 013	0 017	PCI/L	0 017	V	
B405689	7/19/90	URANIUM-235	0 01304	0 0261	PCI/L	0 6	J	V
4786	2/10/95	URANIUM-235	0 017	0 092	PCI/L	0 22	U	V
0390	2/3/95	URANIUM-235	0 018	0 096	PCI/L	0 24	U	V
0290	2/7/95	URANIUM-235	0 019	0 1	PCI/L	0 25	U	V
1490	11/7/94	URANIUM-235	0 019	0 11	PCI/L	0 38	U	Y
B200789	3/18/93	URANIUM-235	0 0195	0 0382	PCI/L	0 07	A	
B200889	8/17/92	URANIUM-235	0 02	0 078	PCI/L	0 1	U	A
0390	4/28/93	URANIUM-235	0 024	0 066	PCI/L	0 072	U	A
B202589	8/13/92	URANIUM-235	0 024	0 095	PCI/L	0 2	U	A
B200889	8/16/90	URANIUM-235	0 0244	0 0597	PCI/L	0 6	J	
4786	8/4/95	URANIUM-235	0 02465	0 0732	PCI/L	0 181	J	Y
0290	5/19/95	URANIUM-235	0 026	0 042	PCI/L	0 071	U	Y
B200689	10/8/90	URANIUM-235	0 02677	0 0928	PCI/L	0 132	J	V
B202489	11/12/90	URANIUM-235	0 0285	0 033	PCI/L	0 6	J	A
4786	5/18/95	URANIUM-235	0 029	0 031	PCI/L	0 043	U	Y

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B200889	3/15/95	URANIUM-235	0 0309	0 05117	PCI/L	0 07774	Y	
4786	2/10/95	URANIUM-235	0 031	0 095	PCI/L	0 22	U	V
B405689	3/9/93	URANIUM-235	0 0318	0 07531	PCI/L	0 132	U	A
B102389	3/24/93	URANIUM-235	0 032	0 07571	PCI/L	0 13269	U	A
B102289	9/17/91	URANIUM-235	0 0325	0 172	PCI/L	0 293	J	V
B400389	3/8/93	URANIUM-235	0 0343	0 08124	PCI/L	0 14238	U	A
B400489	9/15/92	URANIUM-235	0 03446	0 117	PCI/L	0 169	J	A
5586	12/18/91	URANIUM-235	0 035	0 087	PCI/L	0 09	A	
B205589	10/20/92	URANIUM-235	0 035	0 0928	PCI/L	0 096	J	A
0290	8/13/93	URANIUM-235	0 037	0 08731	PCI/L	0 15304	U	V
B200589	6/26/92	URANIUM-235	0 03706	0 0946	PCI/L	0 096	J	V
B200789	10/8/90	URANIUM-235	0 0373	0 0951	PCI/L	0 097	J	V
B200789	3/3/92	URANIUM-235	0 0373	0 0894	PCI/L	0 093	J	A
B400389	4/3/91	URANIUM-235	0 03744	0 0956	PCI/L	0 098	J	A
B200789	8/20/90	URANIUM-235	0 0388	0 039	PCI/L	0 6	J	V
11294	9/15/94	URANIUM-235	0 04	0 13	PCI/L	0 38	U	Y
B200589	2/16/90	URANIUM-235	0 04	0 08	PCI/L	0 07		
B202489	6/14/90	URANIUM-235	0 04	0 1	PCI/L	0 077	A	
0390	5/9/95	URANIUM-235	0 0407	0 06165	PCI/L	0 08968	Y	
4786	8/19/93	URANIUM-235	0 041	0 082	PCI/L	0 034	BJ	V
B302789	5/22/91	URANIUM-235	0 041	0 0972	PCI/L	0 101	J	A
B302789	3/16/92	URANIUM-235	0 041	0 0899	PCI/L	0	J	A
B200589	9/23/92	URANIUM-235	0 04109	0 0986	PCI/L	0 102	J	A
B302989	8/29/91	URANIUM-235	0 04169	0 106	PCI/L	0 6	J	
0390	2/9/94	URANIUM-235	0 043	0 086	PCI/L	0 12	U	A
B302889	2/22/92	URANIUM-235	0 04344	0 116	PCI/L	0 119	J	A
0290	4/27/93	URANIUM-235	0 044	0 1	PCI/L	0 07	U	A
B405689	12/11/90	URANIUM-235	0 04409	0 0884	PCI/L	0 6	J	A
4786	6/18/91	URANIUM-235	0 04441	0 097	PCI/L	0 6	J	
B200789	4/4/91	URANIUM-235	0 0446	0 114	PCI/L	0 116	J	V
B102389	12/4/95	URANIUM-235	0 0448	0 0979	PCI/L	0 196	J	Y
B302989	3/22/91	URANIUM-235	0 0449	0 09	PCI/L	0	J	A
0390	8/31/95	URANIUM-235	0 0451	0 108	PCI/L	0 245	J	Y
B302889	5/22/91	URANIUM-235	0 04568	0 0915	PCI/L	0	J	V
B200889	3/22/91	URANIUM-235	0 0465	0 0931	PCI/L	0	J	A
B401989	7/24/90	URANIUM-235	0 04668	0 0935	PCI/L	0 6	J	A
B401989	10/12/90	URANIUM-235	0 04697	0 0941	PCI/L	0	J	V
B200889	3/24/93	URANIUM-235	0 0474	0 095	PCI/L	0 128	J	A
B202589	6/21/95	URANIUM-235	0 0476	0 0615	PCI/L	0 08196	Y	
B202489	12/11/91	URANIUM-235	0 0477	0 122	PCI/L	0 124	J	A
B302789	6/9/92	URANIUM-235	0 048	0 096	PCI/L	0 04	J	V
4786	6/13/94	URANIUM-235	0 049	0 048	PCI/L	0 065	U	V
B202489	2/27/92	URANIUM-235	0 0497	0 0997	PCI/L	0	J	A
B400289	11/29/90	URANIUM-235	0 05005	0 1	PCI/L	0	J	V
B202589	10/21/92	URANIUM-235	0 0503	0 101	PCI/L	0	J	A
4786	11/15/90	URANIUM-235	0 05094	0 102	PCI/L	0 6	J	A

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B302889	8/13/92	URANIUM-235	0 051	0 051	PCI/L	0 2	U	A
B401989	12/15/91	URANIUM-235	0 05112	0 112	PCI/L	0	J	A
B302789	3/21/95	URANIUM-235	0 053	0 16	PCI/L	0 38	U	V
B401989	10/21/92	URANIUM-235	0 05474	0 11	PCI/L	0	J	A
B202589	9/10/91	URANIUM-235	0 0554	0 121	PCI/L	0	J	A
B102289	12/12/91	URANIUM-235	0 056	0 139	PCI/L	0 147	A	
B200889	2/3/92	URANIUM-235	0 0568	0 136	PCI/L	0 141	J	A
11494	8/24/94	URANIUM-235	0 058	0 12	PCI/L	0 16	U	Y
1490	4/28/93	URANIUM-235	0 058	0 1	PCI/L	0 092	U	A
11494	5/18/95	URANIUM-235	0 059	0 12	PCI/L	0 16	U	Y
B202489	2/9/90	URANIUM-235	0 06	0 21	PCI/L	0 23		
B302789	1/23/90	URANIUM-235	0 06	0 12	PCI/L	0		
B405789	8/16/90	URANIUM-235	0 0619	0 0622	PCI/L	0 6	J	
B202489	6/21/95	URANIUM-235	0 063	0 22	PCI/L	0 44	U	Y
5586	9/5/90	URANIUM-235	0 06427	0 129	PCI/L	0	J	V
B102389	8/11/92	URANIUM-235	0 07	0 14	PCI/L	0 5	U	A
0390	11/19/93	URANIUM-235	0 072	0 09991	PCI/L	0 09754	U	
B200889	9/13/91	URANIUM-235	0 0731	0 116	PCI/L	0 085	J	A
B202489	10/19/92	URANIUM-235	0 0749	0 1477	PCI/L	0 20377	U	A
B400289	12/15/92	URANIUM-235	0 0752	0 11529	PCI/L	0 14374	U	A
B202589	3/25/93	URANIUM-235	0 0758	0 10564	PCI/L	0 10309	U	A
B202589	5/29/92	URANIUM-235	0 076	0 18	PCI/L	0 12	U	V
B302989	8/6/90	URANIUM-235	0 07772	0 156	PCI/L	0 6	J	V
11694	9/19/94	URANIUM-235	0 079	0 13	PCI/L	0 24	U	Y
B400389	9/18/91	URANIUM-235	0 07939	0 129	PCI/L	0 094	J	V
0390	3/22/90	URANIUM-235	0 08	0 29	PCI/L	0		
B102289	2/8/90	URANIUM-235	0 08	0 15	PCI/L	0		
B102389	2/8/90	URANIUM-235	0 08	0 17	PCI/L	0		
B401989	3/13/92	URANIUM-235	0 08112	0 147	PCI/L	0 149	J	A
B302889	11/6/92	URANIUM-235	0 0817	0 11385	PCI/L	0 11119	U	A
4786	12/2/93	URANIUM-235	0 08179	0 1247	PCI/L	0 15548	Y	
4786	11/9/94	URANIUM-235	0 083	0 15	PCI/L	0 29	U	Y
B405789	3/5/93	URANIUM-235	0 0838	0 11684	PCI/L	0 11399	U	A
B202589	8/20/90	URANIUM-235	0 084	0 0602	PCI/L	0 6	J	V
B400489	9/16/91	URANIUM-235	0 08578	0 122	PCI/L	0	J	A
11794	9/21/94	URANIUM-235	0 086	0 13	PCI/L	0 19	U	Y
B401989	8/6/92	URANIUM-235	0 087	0 12	PCI/L	0 2	U	A
B302889	3/22/91	URANIUM-235	0 08714	0 124	PCI/L	0	J	V
0390	11/7/94	URANIUM-235	0 089	0 18	PCI/L	0 24	U	Y
B200689	5/29/92	URANIUM-235	0 089	0 13	PCI/L	0 067	J	V
5586	12/8/92	URANIUM-235	0 0952	0 13278	PCI/L	0 12954	U	A
B400289	3/10/93	URANIUM-235	0 096	0 13405	PCI/L	0 13074	U	A
B405689	2/13/92	URANIUM-235	0 09899	0 147	PCI/L	0	J	A
5586	8/18/92	URANIUM-235	0 1	0 1	PCI/L	0 4	U	A
B401989	9/6/91	URANIUM-235	0 1011	0 156	PCI/L	0 114	J	A
B200789	10/26/92	URANIUM-235	0 1017	0 12267	PCI/L	0 12519	U	A

Table 3 - Filtered Radionuclide Groundwater Background Samples From 1990 - 1995 for Rocky Flats Environmental Technology Site

LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B302889	9/3/91	URANIUM-235	0 1034	0 147	PCI/L	0	J	A
B302789	12/16/91	URANIUM-235	0 104	0 161	PCI/L	0 118	J	A
B202489	7/27/92	URANIUM-235	0 1079	0 16	PCI/L	0	J	A
0290	9/11/95	URANIUM-235	0 1091	0 147	PCI/L	0 237	J	Y
11294	5/19/95	URANIUM-235	0 11	0 17	PCI/L	0 3	U	Y
B302989	8/13/92	URANIUM-235	0 11	0 087	PCI/L	0 2	U	A
B400289	2/13/92	URANIUM-235	0 1111	0 165	PCI/L	0	J	A
B202589	12/9/91	URANIUM-235	0 117	0 167	PCI/L	0	J	A
B302889	1/30/90	URANIUM-235	0 12	0 24	PCI/L	0		
B400389	11/12/92	URANIUM-235	0 12	0 14491	PCI/L	0 14786	U	A
B202589	3/28/91	URANIUM-235	0 123	0 153	PCI/L	0 091	J	A
B400489	4/3/91	URANIUM-235	0 1256	0 17	PCI/L	0 142	J	A
0390	9/6/94	URANIUM-235	0 13	0 25	PCI/L	0 52	U	Y
4786	6/15/90	URANIUM-235	0 13	0 15	PCI/L	0	A	
B302989	12/7/91	URANIUM-235	0 1426	0 178	PCI/L	0 106	J	A
B102389	12/14/91	URANIUM-235	0 1433	0 204	PCI/L	0	J	A
0290	2/3/94	URANIUM-235	0 15	0 18	PCI/L	0 14	J	JA
4786	4/19/93	URANIUM-235	0 15	0 24	PCI/L	0 24	U	A
B202589	5/31/91	URANIUM-235	0 15	0 175	PCI/L	0	J	A
B302889	6/4/92	URANIUM-235	0 15	0 23	PCI/L	0 11	J	A
B302989	3/21/93	URANIUM-235	0 15	0 048	PCI/L	0 017	JA	
B302789	11/19/90	URANIUM-235	0 157	0 182	PCI/L	0 6	J	
B200689	9/17/91	URANIUM-235	0 1588	0 265	PCI/L	0 392	J	A
B102289	10/27/92	URANIUM-235	0 16	0 15517	PCI/L	0 13375	A	
0290	11/9/94	URANIUM-235	0 17	0 23	PCI/L	0 45	U	Y
B102289	3/14/95	URANIUM-235	0 1787	0 11368	PCI/L	0 1056	Y	
B302989	6/4/92	URANIUM-235	0 18	0 33	PCI/L	0 39	U	A
B302889	3/21/95	URANIUM-235	0 18021	0 12674	PCI/L	0 1377	Y	
B400489	11/11/92	URANIUM-235	0 19	0 16522	PCI/L	0 13008	Y	A
11294	11/30/94	URANIUM-235	0 19078	0 196	PCI/L	0 17344	Y	
B201089	2/13/90	URANIUM-235	0 2	0 4	PCI/L	0		
B400389	9/23/92	URANIUM-235	0 2	0 28069	PCI/L	0 2728	U	A
B405689	8/18/92	URANIUM-235	0 2	0 21	PCI/L	0 4	U	A
B201289	9/12/91	URANIUM-235	0 2116	0 26	PCI/L	0 155	J	A
B200589	3/24/93	URANIUM-235	0 2436	0 224	PCI/L	0 182	A	
B202489	6/3/92	URANIUM-235	0 28	0 001	PCI/L	0 074	U	A
B201289	2/25/92	URANIUM-235	0 2836	0 261	PCI/L	0	J	A
B302989	12/5/90	URANIUM-235	0 291	0 223	PCI/L	0 6	J	
B202589	6/21/95	URANIUM-235	0 295	0 1545	PCI/L	0 11374	Y	
B201289	3/23/93	URANIUM-235	0 3	0 089	PCI/L	0 013	JA	
11494	11/30/94	URANIUM-235	0 3099	0 24251	PCI/L	0 17692	Y	
0290	5/4/94	URANIUM-235	0 3184	0 23161	PCI/L	0 15808	V	
B201189	2/13/90	URANIUM-235	0 34	0 34	PCI/L	0		
B201289	9/12/90	URANIUM-235	0 3663	0 263	PCI/L	0	J	A
B302889	3/21/93	URANIUM-235	0 37	0 069	PCI/L	0 015	JA	
B201189	12/11/91	URANIUM-235	0 4169	0 304	PCI/L	0 179	J	A

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B201189	3/8/93	URANIUM-235	0 44	0 28126	PCI/L	0 15622	A	
4786	1/24/94	URANIUM-235	0 45	0 154	PCI/L	0 113	V	
B201189	10/20/92	URANIUM-235	0 4525	0 339	PCI/L	0 174	J	A
B201189	4/5/91	URANIUM-235	0 4536	0 319	PCI/L	0 205	J	V
B201189	2/27/92	URANIUM-235	0 504	0 359	PCI/L	0 173	J	A
B201189	10/19/90	URANIUM-235	0 5049	0 512	PCI/L	0	J	V
B201289	6/15/90	URANIUM-235	0 51	0 31	PCI/L	0 065	A	
B201189	6/5/92	URANIUM-235	0 5244	0 298	PCI/L	0	J	V
5386	6/5/95	URANIUM-235	0 53514	0 21575	PCI/L	0 12114	Y	
0290	8/22/94	URANIUM-235	0 546	0 426	PCI/L	0 339	Y	V
B200689	11/10/92	URANIUM-235	0 56	0 31548	PCI/L	0 16838	A	
1490	5/3/94	URANIUM-235	0 62254	0 33984	PCI/L	0 12978	V	
B302089	7/25/90	URANIUM-235	0 657	0 176	PCI/L	0 6	X	
0390	5/3/94	URANIUM-235	0 7192	0 36234	PCI/L	0 17473	V	
B302089	3/27/95	URANIUM-235	0 79	0 41	PCI/L	0 27	V	
B201289	4/9/91	URANIUM-235	0 8147	0 451	PCI/L	0	V	
B102389	9/12/91	URANIUM-235	0 8535	0 595	PCI/L	0 201	A	
B201189	6/8/95	URANIUM-235	0 959	0 28667	PCI/L	0 09146	Y	
10294	12/12/95	URANIUM-235	1 383	0 638	PCI/L	0 254	Y	
1490	5/15/95	URANIUM-235	1 97251	0 56104	PCI/L	0 10909	Y	
B205589	9/10/91	URANIUM-235	2 841	0 964	PCI/L	0 142	A	
B205589	2/27/92	URANIUM-235	3 124	0 919	PCI/L	0 16	A	
B205589	6/5/92	URANIUM-235	3 338	0 874	PCI/L	0	V	
B205589	3/9/93	URANIUM-235	4 5	1 3463	PCI/L	0 29665	A	
B205589	4/5/91	URANIUM-235	4 729	1 09	PCI/L	0	A	
B205589	10/19/90	URANIUM-235	4 803	1 29	PCI/L	0	V	
B205589	12/11/91	URANIUM-235	4 97	1 23	PCI/L	0 6		
B205589	2/15/90	URANIUM-235	5	1 14	PCI/L	0 07		
B205589	6/8/95	URANIUM-235	5 535	0 9348	PCI/L	0 25021	Y	
B400289	11/29/90	URANIUM-238	-0 04	0 0404	PCI/L	0 209	J	V
B200889	2/3/92	URANIUM-238	-0 0378	0 0291	PCI/L	0 244	J	A
5586	9/16/91	URANIUM-238	-0 022	0 0182	PCI/L	0 135	J	A
B400289	2/13/92	URANIUM-238	-0 0185	0 0187	PCI/L	0 171	J	A
B200589	9/23/92	URANIUM-238	-0 0157	0 0158	PCI/L	0 144	J	A
B400289	5/23/91	URANIUM-238	-0 0105	0 021	PCI/L	0 109	J	V
B405789	11/10/92	URANIUM-238	-0 00507	0 0102	PCI/L	0	J	A
B102389	4/4/91	URANIUM-238	0	0 137	PCI/L	0	J	V
B200589	4/4/91	URANIUM-238	0	0 141	PCI/L	0	J	V
B200789	8/18/92	URANIUM-238	0	0 089	PCI/L	0 3	U	Z
B302789	3/9/93	URANIUM-238	0	0 4061	PCI/L	0 14695	JA	
B400289	9/14/90	URANIUM-238	0	0 167	PCI/L	0	J	V
0290	3/21/93	URANIUM-238	0 0044	0 018	PCI/L	0 027	A	
B401989	3/17/93	URANIUM-238	0 0111	0 0376	PCI/L	0 08	A	
B400489	9/15/92	URANIUM-238	0 01149	0 118	PCI/L	0 239	J	A
B405789	5/28/91	URANIUM-238	0 02364	0 0927	PCI/L	0 134	J	A
5586	12/8/92	URANIUM-238	0 0241	0 09754	PCI/L	0 1937	U	JA

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B400289	3/28/91	URANIUM-238	0 02644	0 0917	PCI/L	0 13	J	V
5586	3/19/93	URANIUM-238	0 0279	0 0365	PCI/L	0 07	A	
B400489	4/3/91	URANIUM-238	0 02899	0 101	PCI/L	0 142	J	A
B102289	3/24/93	URANIUM-238	0 03	0 02438	PCI/L	0 01994	JA	
B200789	4/4/91	URANIUM-238	0 0334	0 116	PCI/L	0 164	J	V
B200689	11/18/91	URANIUM-238	0 03854	0 0984	PCI/L	0 1	J	A
B200689	8/10/92	URANIUM-238	0 042	0 043	PCI/L	0 2	U	A
B405689	8/18/92	URANIUM-238	0 042	0 17	PCI/L	0 3	U	A
B200889	3/24/93	URANIUM-238	0 0436	0 0953	PCI/L	0 174	J	A
B200789	6/2/92	URANIUM-238	0 044	0 106	PCI/L	0 109	J	A
B200789	9/13/91	URANIUM-238	0 0441	0 0883	PCI/L	0	J	A
B102389	2/13/92	URANIUM-238	0 0473	0 0947	PCI/L	0	J	A
B202489	12/11/91	URANIUM-238	0 0477	0 122	PCI/L	0 124	J	A
B400489	2/10/92	URANIUM-238	0 04915	0 0985	PCI/L	0	J	A
5586	5/23/91	URANIUM-238	0 05	0 0476	PCI/L	0 044	J	A
B400289	12/17/91	URANIUM-238	0 053	0 105	PCI/L	0	A	
B400489	11/26/91	URANIUM-238	0 05409	0 13	PCI/L	0 134	J	A
B200589	9/19/91	URANIUM-238	0 05547	0 111	PCI/L	0	J	A
B102289	12/12/91	URANIUM-238	0 056	0 139	PCI/L	0 147	A	
B102289	10/24/90	URANIUM-238	0 0571	0 114	PCI/L	0	J	V
B200789	3/18/93	URANIUM-238	0 0584	0 0505	PCI/L	0 07	A	
0290	8/13/93	URANIUM-238	0 059	0 12515	PCI/L	0 18708	U	A
5586	9/5/90	URANIUM-238	0 0643	0 129	PCI/L	0	J	V
1490	3/21/93	URANIUM-238	0 065	0 052	PCI/L	0 032	A	
B200789	8/20/90	URANIUM-238	0 0679	0 0646	PCI/L	0 6	J	V
B200889	6/4/92	URANIUM-238	0 0685	0 136	PCI/L	0 172	J	A
B200589	2/16/90	URANIUM-238	0 07	0 07	PCI/L	0 07		
B200689	3/16/93	URANIUM-238	0 072	0 051	PCI/L	0 017	A	
B400389	9/18/91	URANIUM-238	0 07578	0 129	PCI/L	0 133	J	V
B200689	10/8/90	URANIUM-238	0 08032	0 128	PCI/L	0 093	J	V
4786	6/18/91	URANIUM-238	0 08109	0 138	PCI/L	0 6	J	
B405789	11/16/90	URANIUM-238	0 08215	0 0553	PCI/L	0 6	J	
5586	8/18/92	URANIUM-238	0 084	0 085	PCI/L	0 3	U	A
B102289	5/23/91	URANIUM-238	0 0842	0 136	PCI/L	0 1	J	V
4786	4/8/91	URANIUM-238	0 08482	0 17	PCI/L	0	J	V
B200689	8/23/90	URANIUM-238	0 08497	0 0609	PCI/L	0 047	J	A
B200589	3/24/93	URANIUM-238	0 08713	0 141	PCI/L	0 217	J	A
B400489	3/23/93	URANIUM-238	0 0884	0 0518	PCI/L	0 05	A	
5586	3/28/91	URANIUM-238	0 0888	0 126	PCI/L	0	J	V
B200589	12/7/91	URANIUM-238	0 09106	0 145	PCI/L	0 105	J	A
0290	5/19/95	URANIUM-238	0 092	0 075	PCI/L	0 11	U	Y
B200889	8/17/92	URANIUM-238	0 097	0 066	PCI/L	0 1	U	A
B200589	11/5/92	URANIUM-238	0 0994	0 12793	PCI/L	0 14196	U	JA
B200789	2/20/90	URANIUM-238	0 1	0 1	PCI/L	0 1		
B400289	3/2/90	URANIUM-238	0 1	0 2	PCI/L	0 1		
B405789	3/1/90	URANIUM-238	0 1	0 1	PCI/L	0 2		

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B405789	3/5/93	URANIUM-238	0 105	0 14508	PCI/L	0 17045	U	JA
B200689	2/20/92	URANIUM-238	0 1069	0 152	PCI/L	0	J	A
B102389	3/24/93	URANIUM-238	0 1078	0 13019	PCI/L	0 13269	U	JA
5586	3/13/92	URANIUM-238	0 111	0 165	PCI/L	0 17	J	A
B400289	3/10/93	URANIUM-238	0 121	0 16645	PCI/L	0 1955	U	JA
B405789	11/26/91	URANIUM-238	0 1293	0 192	PCI/L	0	J	A
B200789	3/3/92	URANIUM-238	0 1296	0 155	PCI/L	0	J	A
4786	11/9/94	URANIUM-238	0 13	0 18	PCI/L	0 31	U	Y
4786	5/18/95	URANIUM-238	0 13	0 071	PCI/L	0 082	J	Y
B200889	3/22/91	URANIUM-238	0 1301	0 163	PCI/L	0 097	J	A
B400389	2/7/92	URANIUM-238	0 1331	0 174	PCI/L	0 146	J	A
B102389	7/27/90	URANIUM-238	0 1388	0 161	PCI/L	0 6	J	V
B400389	4/3/91	URANIUM-238	0 1404	0 163	PCI/L	0	J	A
B102289	3/28/91	URANIUM-238	0 1407	0 163	PCI/L	0	J	A
B102389	12/14/91	URANIUM-238	0 1433	0 204	PCI/L	0	J	A
B405789	2/10/92	URANIUM-238	0 1437	0 213	PCI/L	0	J	A
B200789	12/7/91	URANIUM-238	0 1475	0 171	PCI/L	0	J	A
B400489	10/5/90	URANIUM-238	0 1475	0 171	PCI/L	0	J	V
0290	9/11/95	URANIUM-238	0 1477	0 17	PCI/L	0 249	J	Y
4786	6/13/94	URANIUM-238	0 15	0 084	PCI/L	0 089	J	V
B202489	6/21/95	URANIUM-238	0 15	0 22	PCI/L	0 36	U	Y
4786	11/15/90	URANIUM-238	0 1528	0 177	PCI/L	0 6	J	A
B405789	8/16/90	URANIUM-238	0 1547	0 0991	PCI/L	0 6	J	
B200789	10/8/90	URANIUM-238	0 1584	0 19	PCI/L	0 168	J	V
B200589	3/14/95	URANIUM-238	0 16	0 24	PCI/L	0 35	U	V
5586	12/18/91	URANIUM-238	0 164	0 174	PCI/L	0 09	A	
B200689	4/5/91	URANIUM-238	0 1741	0 248	PCI/L	0	J	V
B200589	1/28/92	URANIUM-238	0 1776	0 183	PCI/L	0	J	A
4786	1/27/93	URANIUM-238	0 19	0 18464	PCI/L	0 16869	JA	
B400289	12/15/92	URANIUM-238	0 19	0 18249	PCI/L	0 15698	JA	
B102289	2/28/92	URANIUM-238	0 1954	0 197	PCI/L	0	J	A
B405689	6/29/92	URANIUM-238	0 1968	0 221	PCI/L	0 161	J	V
4786	8/19/93	URANIUM-238	0 2	0 18	PCI/L	0 057	J	V
4786	2/10/95	URANIUM-238	0 2	0 19	PCI/L	0 22	U	V
4786	5/18/95	URANIUM-238	0 2	0 073	PCI/L	0 043	J	Y
B202489	6/21/95	URANIUM-238	0 21	0 22	PCI/L	0 22	U	Y
B400389	11/12/92	URANIUM-238	0 21	0 18693	PCI/L	0 14786	JA	
B400489	9/16/91	URANIUM-238	0 2145	0 194	PCI/L	0	J	A
11294	5/19/95	URANIUM-238	0 22	0 27	PCI/L	0 43	U	Y
4786	11/9/94	URANIUM-238	0 22	0 25	PCI/L	0 42	U	Y
B200689	5/29/92	URANIUM-238	0 23	0 21	PCI/L	0 067	J	V
B200889	8/16/90	URANIUM-238	0 2313	0 108	PCI/L	0 6	J	
B102389	5/26/92	URANIUM-238	0 24	0 2	PCI/L	0 034	BJ	A
B200889	3/15/95	URANIUM-238	0 2472	0 12468	PCI/L	0 09393	Y	
B200789	10/26/92	URANIUM-238	0 25	0 18689	PCI/L	0 09735	JA	
B405689	3/9/93	URANIUM-238	0 25	0 19838	PCI/L	0 14415	JA	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
5586	6/11/92	URANIUM-238	0 2517	0 227	PCI/L	0	J	V
B202589	6/21/95	URANIUM-238	0 252	0 1275	PCI/L	0 09122	Y	
1490	9/14/95	URANIUM-238	0 2543	0 217	PCI/L	0 199	Y	
B405689	11/9/92	URANIUM-238	0 2575	0 245	PCI/L	0 113	J	A
B200589	6/26/92	URANIUM-238	0 2594	0 231	PCI/L	0 136	J	V
0390	2/3/95	URANIUM-238	0 26	0 22	PCI/L	0 22	J	V
B200889	2/22/90	URANIUM-238	0 26	0 17	PCI/L	0 03		
B400489	3/20/95	URANIUM-238	0 26	0 37	PCI/L	0 36	U	V
B200889	5/28/91	URANIUM-238	0 2681	0 234	PCI/L	0 139	J	A
B405689	9/17/91	URANIUM-238	0 2744	0 23	PCI/L	0	J	V
4786	2/11/92	URANIUM-238	0 2858	0 221	PCI/L	0	J	A
1490	2/7/95	URANIUM-238	0 29	0 23	PCI/L	0 23	J	V
B405689	12/11/90	URANIUM-238	0 291	0 237	PCI/L	0 6	J	A
0290	8/22/94	URANIUM-238	0 292	0 34	PCI/L	0 363	Y	V
1490	8/24/94	URANIUM-238	0 3	0 25	PCI/L	0 26	J	Y
4786	6/13/94	URANIUM-238	0 3	0 12	PCI/L	0 062	BJ	V
B200689	2/19/90	URANIUM-238	0 3	0 2	PCI/L	0 2		
B400389	9/23/92	URANIUM-238	0 3	0 34479	PCI/L	0 2728	JA	
4786	8/4/95	URANIUM-238	0 3007	0 191	PCI/L	0 221	Y	
4786	1/24/94	URANIUM-238	0 31	0 094	PCI/L	0 075	V	
B102389	10/16/92	URANIUM-238	0 31	0 32232	PCI/L	0 26508	JA	
B102389	10/24/90	URANIUM-238	0 3146	0 267	PCI/L	0 112	J	V
B200889	9/13/91	URANIUM-238	0 3169	0 233	PCI/L	0 085	J	A
B102389	12/4/95	URANIUM-238	0 3173	0 263	PCI/L	0 289	Y	
1490	11/7/94	URANIUM-238	0 32	0 31	PCI/L	0 48	U	Y
B202489	11/12/90	URANIUM-238	0 3227	0 124	PCI/L	0 6	J	A
B102289	3/14/95	URANIUM-238	0 3236	0 15979	PCI/L	0 14539	Y	
B200889	10/11/90	URANIUM-238	0 3248	0 307	PCI/L	0 6	J	
B200589	10/22/90	URANIUM-238	0 3293	0 25	PCI/L	0 128	J	V
4786	3/21/90	URANIUM-238	0 3338	0 22383	PCI/L	0 259		
4786	9/21/90	URANIUM-238	0 3391	0 25	PCI/L	0 6	J	A
11494	11/30/94	URANIUM-238	0 34089	0 27804	PCI/L	0 2399	Y	
0390	11/19/93	URANIUM-238	0 35	0 22492	PCI/L	0 12544		
11494	5/18/95	URANIUM-238	0 35	0 3	PCI/L	0 25	J	Y
B102289	5/26/92	URANIUM-238	0 35	0 29	PCI/L	0 048	BJ	A
B102389	8/11/92	URANIUM-238	0 35	0 24	PCI/L	0 4	U	A
B200889	11/12/92	URANIUM-238	0 35	0 23628	PCI/L	0 16083	JA	
0390	5/9/95	URANIUM-238	0 3511	0 14744	PCI/L	0 08968	Y	
B200689	9/17/91	URANIUM-238	0 3516	0 331	PCI/L	0 355	J	A
B405689	7/19/90	URANIUM-238	0 3521	0 14	PCI/L	0 6	J	V
0290	2/7/95	URANIUM-238	0 36	0 28	PCI/L	0 32	J	V
4786	7/18/91	URANIUM-238	0 3668	0 266	PCI/L	0	J	V
B200889	12/7/91	URANIUM-238	0 3682	0 357	PCI/L	0 232	J	A
B102289	10/27/92	URANIUM-238	0 37	0 23035	PCI/L	0 1424	JA	
0290	5/4/94	URANIUM-238	0 3738	0 26025	PCI/L	0 19141	V	
B405689	11/25/91	URANIUM-238	0 378	0 273	PCI/L	0	A	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B200689	11/10/92	URANIUM-238	0 38	0 26216	PCI/L	0 16838	JA	
B400389	11/25/91	URANIUM-238	0 3818	0 3	PCI/L	0 116	J	A
B405689	2/13/92	URANIUM-238	0 396	0 296	PCI/L	0 153	J	A
11494	8/24/94	URANIUM-238	0 4	0 32	PCI/L	0 16	J	Y
B102389	2/8/90	URANIUM-238	0 4	0 37	PCI/L	0 11		
B202589	6/21/95	URANIUM-238	0 4	0 18	PCI/L	0 12347	Y	
B102289	9/17/91	URANIUM-238	0 406	0 368	PCI/L	0	J	V
B401989	10/21/92	URANIUM-238	0 4248	0 315	PCI/L	0 114	J	A
4786	5/14/92	URANIUM-238	0 4262	0 308	PCI/L	0 182	J	A
B400389	3/8/93	URANIUM-238	0 44	0 26906	PCI/L	0 15549	JA	
1490	11/21/93	URANIUM-238	0 47	0 27	PCI/L	0 11	BJ	Y
0390	8/31/95	URANIUM-238	0 4794	0 332	PCI/L	0 216	Y	
B401989	8/6/92	URANIUM-238	0 48	0 2	PCI/L	0 2	J	A
4786	10/15/92	URANIUM-238	0 49	0 37371	PCI/L	0 21997	JA	
0290	11/9/94	URANIUM-238	0 5	0 35	PCI/L	0 39	J	Y
B400389	10/5/90	URANIUM-238	0 5065	0 327	PCI/L	0	J	V
4786	11/11/91	URANIUM-238	0 508	0 356	PCI/L	0 311	J	V
B202489	3/22/93	URANIUM-238	0 5127	0 1402	PCI/L	0 08	A	
B401989	10/12/90	URANIUM-238	0 5167	0 318	PCI/L	0	J	V
1490	2/3/94	URANIUM-238	0 53	0 32	PCI/L	0 24	BJ	JA
4786	12/2/93	URANIUM-238	0 55025	0 31983	PCI/L	0 19006	Y	
B202489	7/27/92	URANIUM-238	0 5573	0 363	PCI/L	0	J	A
B202589	3/26/92	URANIUM-238	0 56	0 336	PCI/L	0 099	J	V
B302789	3/21/95	URANIUM-238	0 59	0 44	PCI/L	0 32	J	V
1490	4/28/93	URANIUM-238	0 6	0 3	PCI/L	0 079	B	A
B401989	6/24/92	URANIUM-238	0 6192	0 345	PCI/L	0 094	A	
0290	2/3/94	URANIUM-238	0 62	0 36	PCI/L	0 14	B	JA
11294	11/30/94	URANIUM-238	0 62211	0 3542	PCI/L	0 20168	Y	
0290	11/21/93	URANIUM-238	0 63	0 33	PCI/L	0 11	B	Y
B202589	11/15/95	URANIUM-238	0 632	0 376	PCI/L	0 283	Y	
B401989	9/6/91	URANIUM-238	0 6327	0 39	PCI/L	0 162	A	
4786	2/10/95	URANIUM-238	0 64	0 34	PCI/L	0 27	V	
B302789	9/17/92	URANIUM-238	0 663	0 46	PCI/L	0 156	A	
0390	2/9/94	URANIUM-238	0 67	0 35	PCI/L	0 23	A	
B405689	5/29/91	URANIUM-238	0 6708	0 383	PCI/L	0 223	A	
B401989	7/24/90	URANIUM-238	0 6928	0 372	PCI/L	0 6	A	
B401989	12/15/91	URANIUM-238	0 709	0 411	PCI/L	0 116	A	
0390	9/6/94	URANIUM-238	0 71	0 54	PCI/L	0 59	B	Y
B202489	6/14/90	URANIUM-238	0 71	0 4	PCI/L	0 077	A	
0390	3/21/93	URANIUM-238	0 74	0 1	PCI/L	0 012	A	
B202489	10/19/92	URANIUM-238	0 75	0 47631	PCI/L	0 20377	JA	
B302789	3/21/95	URANIUM-238	0 75	0 5	PCI/L	0 43	V	
B202489	2/27/92	URANIUM-238	0 7659	0 411	PCI/L	0 18	A	
11294	9/15/94	URANIUM-238	0 77	0 49	PCI/L	0 4	B	Y
B302789	10/22/92	URANIUM-238	0 815	0 516	PCI/L	0 158	A	
B202589	12/9/91	URANIUM-238	0 822	0 452	PCI/L	0	A	

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LOCATION	S DATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B202589	5/31/91	URANIUM-238	0 847	0 427	PCI/L	0	A	
0290	4/27/93	URANIUM-238	0 85	0 43	PCI/L	0 042	B	A
0390	11/7/94	URANIUM-238	0 88	0 6	PCI/L	0 37	Y	
B202489	2/9/90	URANIUM-238	0 89	0 58	PCI/L	0 13		
B401989	3/2/90	URANIUM-238	0 9	0 5	PCI/L	0 2		
B302789	6/9/92	URANIUM-238	0 91	0 43	PCI/L	0 068	B	V
B302789	11/19/90	URANIUM-238	0 9286	0 459	PCI/L	0 6		
B401989	3/13/92	URANIUM-238	0 9431	0 459	PCI/L	0 149	A	
4786	1/24/94	URANIUM-238	0 97	0 225	PCI/L	0 131	V	
0390	4/28/93	URANIUM-238	1	0 38	PCI/L	0 046	B	A
4786	4/19/93	URANIUM-238	1	0 57	PCI/L	0 22	B	A
11694	9/19/94	URANIUM-238	1 1	0 51	PCI/L	0 35	B	Y
11794	9/21/94	URANIUM-238	1 1	0 49	PCI/L	0 19	B	Y
B202589	5/29/92	URANIUM-238	1 1	0 65	PCI/L	0 19	V	
B302889	8/13/92	URANIUM-238	1 1	0 33	PCI/L	0 2	A	
B202489	9/12/90	URANIUM-238	1 122	0 49	PCI/L	0	A	
B202589	11/16/95	URANIUM-238	1 123	0 545	PCI/L	0 305	Y	
1490	5/3/94	URANIUM-238	1 13334	0 47477	PCI/L	0 23475	V	
B202489	4/8/91	URANIUM-238	1 148	0 485	PCI/L	0 097	V	
B202589	3/25/93	URANIUM-238	1 2	0 4275	PCI/L	0 15415	JA	
B302789	12/16/91	URANIUM-238	1 227	0 555	PCI/L	0 167	A	
B202589	11/1/90	URANIUM-238	1 263	0 502	PCI/L	0 6		
B202589	3/28/91	URANIUM-238	1 27	0 496	PCI/L	0	A	
B302789	3/16/92	URANIUM-238	1 287	0 507	PCI/L	0 093	A	
B202589	10/21/92	URANIUM-238	1 29	0 538	PCI/L	0 148	A	
B202489	6/3/92	URANIUM-238	1 3	0 54	PCI/L	0 074	B	A
B302889	11/6/92	URANIUM-238	1 3	0 47014	PCI/L	0 15616	JA	
B302889	5/22/91	URANIUM-238	1 412	0 538	PCI/L	0	V	
B202589	8/20/90	URANIUM-238	1 433	0 281	PCI/L	0 6	V	
B302889	6/4/92	URANIUM-238	1 5	0 71	PCI/L	0 066	B	A
0390	5/3/94	URANIUM-238	1 5227	0 53124	PCI/L	0 20397	V	
B202589	9/10/91	URANIUM-238	1 606	0 661	PCI/L	0 177	A	
B302889	3/22/91	URANIUM-238	1 612	0 565	PCI/L	0	V	
B302889	12/16/91	URANIUM-238	1 638	0 597	PCI/L	0 095	A	
B202589	8/13/92	URANIUM-238	1 7	0 39	PCI/L	0 2	A	
B302789	1/23/90	URANIUM-238	1 8	0 72	PCI/L	0		
B400489	11/11/92	URANIUM-238	1 8	0 49914	PCI/L	0 15185	Y	JA
1490	5/15/95	URANIUM-238	1 82491	0 5517	PCI/L	0 24861	Y	
B302789	5/22/91	URANIUM-238	1 878	0 647	PCI/L	0	A	
0390	3/22/90	URANIUM-238	1 98	0 81	PCI/L	0		
B302889	2/22/92	URANIUM-238	2 115	0 749	PCI/L	0	A	
B205589	10/20/92	URANIUM-238	2 23	0 699	PCI/L	0 135	A	
B302989	3/21/93	URANIUM-238	2 3	0 18	PCI/L	0 017	A	
B302889	9/3/91	URANIUM-238	2 577	0 801	PCI/L	0 108	A	
4786	6/15/90	URANIUM-238	2 58	0 84	PCI/L	0 069	A	
B302989	8/13/92	URANIUM-238	2 6	0 53	PCI/L	0 2	A	

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LOCATION	SDATE	ANALYTE	RESULT	ERROR	UNITS	DETECT	QUAL	VAL
B302889	3/21/95	URANIUM-238	2 89974	0 45455	PCI/L	0 12058	Y	
B302989	12/5/90	URANIUM-238	3 184	0 825	PCI/L	0 6		
B302989	6/4/92	URANIUM-238	3 3	1 2	PCI/L	0 21	B	A
B302989	3/22/91	URANIUM-238	3 323	0 874	PCI/L	0	A	
B302989	12/7/91	URANIUM-238	3 503	0 956	PCI/L	0 106	A	
B302989	2/21/92	URANIUM-238	3 599	1 02	PCI/L	0 119	A	
B302889	3/21/93	URANIUM-238	3 7	0 22	PCI/L	0 015	A	
B302989	8/29/91	URANIUM-238	3 862	1 13	PCI/L	0 547	V	
B302989	8/6/90	URANIUM-238	4 197	1 29	PCI/L	0 6	V	
B201089	2/13/90	URANIUM-238	5 22	1 17	PCI/L	0 07		
B201289	2/25/92	URANIUM-238	5 924	1 41	PCI/L	0 12	A	
B201289	3/23/93	URANIUM-238	6 3	0 41	PCI/L	0 056	A	
5386	6/5/95	URANIUM-238	6 44257	0 79009	PCI/L	0 13566	Y	
B201189	10/20/92	URANIUM-238	8 131	1 75	PCI/L	0	A	
B201189	2/13/90	URANIUM-238	8 23	1 96	PCI/L	0 12		
B201289	9/12/91	URANIUM-238	8 354	1 98	PCI/L	0 311	A	
B201189	2/27/92	URANIUM-238	8 415	1 79	PCI/L	0 173	A	
B201189	6/8/95	URANIUM-238	8 8884	0 96834	PCI/L	0 15802	Y	
B201189	3/8/93	URANIUM-238	8 9	1 49834	PCI/L	0 18165	JA	
B201189	6/5/92	URANIUM-238	9 066	1 63	PCI/L	0 084	V	
B201289	4/9/91	URANIUM-238	9 238	1 91	PCI/L	0 122	V	
B201189	12/11/91	URANIUM-238	9 37	1 8	PCI/L	0 103	A	
B201189	10/19/90	URANIUM-238	9 466	2 72	PCI/L	0	V	
B201289	6/15/90	URANIUM-238	10 36	2 3	PCI/L	0 065	A	
B201289	9/12/90	URANIUM-238	10 98	1 96	PCI/L	0 095	A	
B302089	7/25/90	URANIUM-238	13 24	1 46	PCI/L	0 6	X	
B201189	4/5/91	URANIUM-238	13 72	2 39	PCI/L	0 205	V	
B102389	9/12/91	URANIUM-238	15 5	3 43	PCI/L	0 285	A	
B302089	3/27/95	URANIUM-238	16	2 7	PCI/L	0 3	V	
10294	12/12/95	URANIUM-238	26 81	5 3	PCI/L	0 288	Y	
B205589	3/9/93	URANIUM-238	88	12 5956	PCI/L	0 34494	JA	
B205589	6/5/92	URANIUM-238	92 52	12 1	PCI/L	0 131	V	
B205589	2/27/92	URANIUM-238	93 87	12 9	PCI/L	0 113	A	
B205589	6/8/95	URANIUM-238	95 405	6 0206	PCI/L	0 29681	Y	
B205589	9/10/91	URANIUM-238	99 64	14 7	PCI/L	0 2	A	
B205589	4/5/91	URANIUM-238	105 6	13 6	PCI/L	0 093	A	
B205589	2/15/90	URANIUM-238	117 4	13 8	PCI/L	0		
B205589	12/11/91	URANIUM-238	121	15 581	PCI/L	0 1151	A	
B205589	10/19/90	URANIUM-238	135 6	19 4	PCI/L	0	V	